State of Louisiana Projections for All Occupations to 2018 (in order by occupational code)

Trans-	evised 201														
1-1012 Claser Caregories 1,50 1,540 0 0 50 50 53 51,570 53,570 51,650 50 50 50 50 50 50 50	tional	Occupational Title ²					Replace-		Annual Average	Hourly Avg. Wage - Lowest	Annual Avg. Wage - Lowest	Hourly Avg. Wage Highest	Annual Avg. Wage - Highest	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
	00-0000	Total, All Occupations	2.041.050	2.207.000	186.670	18.670	46.570	65.240							
1-1-10 Central and Operations Managers 3,570 3,770 0 0 850 850 97,474 20.3 42,20 850,00 316,400 40 40 40 40 40 40 40									\$147.206	\$33.25	\$60 161	NO 082~	S166 400	Wk Exp.+ Bachelor's or higher degree	
1-1-10-11 All-registance 1.070 1.050 0 0 20 18,485 NA 1.40,77 NA 2.14,85 W. Esp. *Black* 1.1-20.11 Marketing Managers 30 970 98 10 10 20 30 78,199 2005 43,773 64,88 134,477 W. Esp. *Black* 1.1-20.11 Marketing Managers 30 970 98 10 10 20 30 78,199 2005 43,773 64,88 134,477 W. Esp. *Black* 1.1-20.11 Marketing Managers 30 970 98 10 10 20 30 78,199 2005 43,773 64,88 134,477 W. Esp. *Black* 1.1-20.11 Marketing Managers 30 430 59 10 10 10 10 10 10 10 1														Wk Exp.+ Bachelor's or higher degree	
1-1-201 Advertising and Promotions Managers														Wk Exp.+ Bachelor's or higher degree	
1-1202 Marketing Managers														Wk Exp.+ Bachelor's or higher degree	
1-1-202 Sales Managers															
1-1091 Pablic Relations Managers 2,800 3,000 202 20 70 100 61,475 16,81 34,950 43,28 90,032 W. Eg.p. Bachel 11-1021 Computer and Information Systems Managers 2,800 3,000 205 20 20 20 44 81,100 21,101 21,														Wk Exp.+ Bachelor's or higher degree	
1-1-10 Administrative Service Managers 2,300 3,303 220 20 70 100 61,416 16,19 33,671 34,37 94,560 W. Exp Bachd 11-301 Financial Managers 1,500 1,500 300 40 83 120 80,889 21,06 43,809 32,04 22,21,218 W. Exp Bachd 11-301 Financial Managers 440 400 50 10 10 72,420 107,11 40,993 50,72 10,500 W. Exp Bachd 11-301 Financial Managers 440 400 50 10 10 72,420 10,71 40,993 50,72 10,500 W. Exp Bachd 11-301 Financial Managers 360 40 60 60 60,601 10 10 72,420 40,900 40 40 40 40 40 40 40														Wk Exp.+ Bachelor's or higher degree	
1-1-201 Computer and Information Systems Managers 1,390 1,580 200 20 20 40 81,363 21,34 44,382 52,2 21,1095 W. Exp. Bachel 11-3014 Information Managers 5,20 6,010 390 40 80 10 10 10 7,420 19,71 40,993 92,42 12,138 W. Exp. Bachel 11-3014 Taming and Development Managers 390 420 40 0 10 10 7,420 19,71 40,993 92,32 12,138 W. Exp. Bachel 11-3014 Taming and Development Managers 390 420 40 0 10 10 66,616 10 11 37,720 48,52 10,155 W. Exp. Bachel 11-3014 Harman Resources Managers, All Other 640 70 70 70 70 70 70 70														Wk Exp.+ Bachelor's or higher degree	
1-1-901 Financial Managers														Wk Exp.+ Bachelor's or higher degree	
13-94 Compensation and Renefits Managers 440 490 50 10 10 10 72-20 19.71 40.993 50.72 10.59.00 W. Exp. *Bachel														Wk Exp.+ Bachelor's or higher degree	Cert. Avail.
11-13-12 Training and Development Managers 30 420 40 0 10 10 66.616 19.11 39.739 48.82 101.55 W. Exp.+ Bachel														Wk Exp.+ Bachelor's or higher degree	
11-395 Haman Resources Managers All Other														Wk Exp.+ Bachelor's or higher degree	
11-302 Industrial Production Managers 1,900 1,840 0 0 0 70 70 92,3312 24.99 51,900 75,00 150,008 Macked														Wk Exp.+ Bachelor's or higher degree	
11-301 Parchasing Managers 920 940 20 0 30 65,759 20.15 41,913 47,68 99,173 Wk Exp.+ Bachel 11-301 Farm, Ranch, and Other Agricultural Managers 1,580 1,280 0 0 10 10 71,016 20.27 42,163 48,90 100,883 Wk Exp.+ Bachel 11-301 Tenturation Managers 1,590 1,280 10 10 10 70,116 20.27 42,163 48,90 100,883 Wk Exp.+ Bachel 11-301 Tenturation Managers 1,590 1,280 10 10 10 70,116 20.27 42,163 48,90 100,883 Wk Exp.+ Bachel 11-301 Tenturation Managers 1,590 1,270 2,700 30 50 80 10 10 34,475 7.55 15,701 28,67 59,623 Wk Exp.+ Bachel 11-302 Centuration Administrators, Peschool and Child Care 1,700 1,700 2,700 30 50 80 93,840 24.23 50,577 77,01 61,017 Wk Exp.+ Bachel 11-303 Education Administrators, Postecondary 1,900 2,170 2,70 30 50 80 93,840 24.23 50,577 77,01 61,017 Wk Exp.+ Bachel 11-303 Education Administrators, Postecondary 1,900 2,170 2,70 30 50 80 93,840 24.23 50,577 77,01 61,017 Wk Exp.+ Bachel 11-303 Education Administrators, Postecondary 1,900 2,170 2,70 30 50 80 93,840 24.23 50,577 77,01 61,017 Wk Exp.+ Bachel 11-303 Education Administrators, Postecondary 1,900 2,170 2,70 30 30 80 100 46,841 12,37 25,733 33,89 70,44 41,018								20						Wk Exp.+ Bachelor's or higher degree	
11-901 Transportation, Sorage, and Distribution Managers 1,480 1,580 10 10 40 60 66,553 19,44 41,068 43,90 10,707 Work Exp.														Bachelor's degree	
11-991 Farm, Ranch, and Other Agricultural Managers 1,550 1,280 0 10 110 120 7,1316 20,75 42,163 48,50 100,833 Wk Exp. + Bachel Cauction Administrators, Preschool and Child Care Education Administrators, Preschool and Child Care Education Administrators, Preschool and Child Care Education Administrators, Elementary and Secondary 1,900 2,170 270 30 50 80 93,447 7.55 15,701 28,67 59,623 Wk Exp. + Bachel Cauction Administrators, Elementary and Secondary 1,900 2,170 270 30 50 80 93,340 24,32 50,577 77,01 160,173 Wk Exp. + Bachel Care Education Administrators, All Other 410 470 60 10 10 20 77,657 16,170 33,63 63,19 31,134 Wk Exp. + Bachel Care Education Administrators, All Other 410 470 60 10 40 40 411,140 31,37 62,259 78,44 163,156 Wk Exp. + Bachel Care Education Administrators, All Other 410 470 40 40 411,140 31,37 62,259 78,44 163,156 Wk Exp. + Bachel Care Education Administrators, All Other 410 470 411,400 410 411,400 41,40	11-3061	Purchasing Managers								20.15		47.68	99,173	Wk Exp.+ Bachelor's or higher degree	
1-1902 Construction Managers 7,060 7,130 80 10 110 120 70,313 20.75 43.15 50.83 105,725 Bachele Education Administrators, Prechool and Child Care 1-1903 Center/Program 280 310 30 0 10 10 34.475 7.55 15,701 28.67 59,623 Wk Exp.+ Bachel Education Administrators, Elementary and Secondary 1-1903 Education Administrators, Postsecondury 1-1903 Education Administrators, Postsecondury 1-1904 Education Administrators, Postsecondury 1-1904 Education Administrators, Postsecondury 1-1906 2-170 270 30 50 80 93,440 4.43 50,854 NA 85,551 Wk Exp.+ Bachel Human 1-1904 Education Administrators, All Other 410 470 60 10 10 20 77,637 16,17 33,633 63,19 131,441 Wk Exp.+ Bachel Human 1-1904 Education Administrators, All Other 410 470 60 10 10 20 77,637 16,17 33,633 63,19 131,441 Wk Exp.+ Bachel Human 1-1904 Education Administrators, All Other 410 470 290 30 80 100 46,814 12,37 25,733 33,89 70,484 Wkr Exp.+ Bachel Human 1-1904 Education Administrators, All Other 480 550 70 10 10 20 52,034 11,92 37,33 38,89 70,484 Wkr Exp.+ Bachel Human 1-1904 Education Administrators, All Other 480														Work Exp. in a related occ.	Lic. Req.
Education Administrators, Preschod and Child Care 280 310 30 0 10 10 34,475 7.55 15,701 28.67 59.623 Wk Exp. Bachel Education Administrators, Elementary and Secondary 1.903 2.00 30 100 130 67.394 NA 50.854 NA 85.551 Wk Exp. Bachel 11.903 Education Administrators, Postsecondary 1.900 2.170 270 30 50 80 93.840 24.32 50.577 77.01 16.173 Wk Exp. Bachel 11.903 Education Administrators, All Other 410 470 60 10 10 20 77.673 16.17 36.33 36.31 31.343 Wk Exp. Bachel 11.904 Engineering Managers 1.710 1.790 90 10 40 40 111.140 31.37 65.259 78.44 16.155 Wk Exp. Bachel 11.904 Engineering Managers 3.170 3.470 290 30 80 100 46.48 12.37 52.733 33.89 70.484 Wk Exp. Bachel 11.904 Engineering Managers 270 290 30 0 10 10 67.64 17.10 35.777 50.38 10.4709 Associal 11.904 Engineering Managers 270 290 30 0 10 10 67.64 17.10 35.777 50.38 10.4709 Wk Exp. Bachel 11.904 Engineering Managers 270 290 30 0 10 10 67.64 17.10 35.777 50.38 10.4709 Wk Exp. Bachel 11.914 Engineering Managers 40.10 45.60 550 60 80 13.0 58.56 22.21 40.40 52.44 10.905 Wk Exp. Bachel 11.914 Managers 40.10 40.450 550 60 80 13.0 58.56 22.21 40.40 52.44 10.905 Wk Exp. Bachel 11.914 Managers 40.10 40.450 55.00 60 80 13.0 58.56 22.21 40.40 52.44 10.905 Wk Exp. Bachel 11.914 Managers 40.10 40.450 55.00 40 47.62 50.50 40 47.62 50.50 60 40 47.62 50.50 60 40 47.62 50.50 60 40 47.62 50.50 60 40 47.62 50.50 60 40 47.62 50.50 60 40 47.62 50.50 60 40 47.62 50.50 60.50	11-9011	Farm, Ranch, and Other Agricultural Managers	1,550	1,280		0	10		71,016	20.27	42,163	48.50	100,883	Wk Exp.+ Bachelor's or higher degree	Cert. Avail.
Education Administrators, Elementary and Secondary		Education Administrators, Preschool and Child Care												Bachelor's degree	
11-903 Education Administrators, Possecondary		Education Administrators, Elementary and Secondary												Wk Exp.+ Bachelor's or higher degree	
11-904 Education Administrators, All Other														Wk Exp.+ Bachelor's or higher degree	
11-9041 Engineering Managers 1,710 1,790 90 10 40 40 111,140 31,37 65,259 78,44 163,156 WE Exp. Pachel Professor Code Service Managers 3,170 3,470 290 30 80 100 46,814 12,37 25,733 33,89 30,456 Werk Exp.; 1-19061 Engineering Managers 270 290 30 0 10 10 67,246 17,10 35,577 50,38 14,790 Associal managers 270 290 30 0 10 10 67,246 17,10 35,577 50,38 14,790 We Exp. Pachel Professor 4,000 4														Wk Exp.+ Bachelor's or higher degree	
11-9051 Food Service Managers														Wk Exp.+ Bachelor's or higher degree	
11-9061 Funeral Directors 480 550 70 10 10 20 52,034 15.92 33.112 39.75 82,679 Associated Gaming Managers 270 290 30 0 10 10 67.246 71.10 35.577 50.38 104.790 Wk Exp.+ Bachel 11-9081 Lodging Managers 270 290 30 0 10 10 67.246 71.01 35.577 50.38 104.790 Wk Exp.+ Bachel 11-9081 Lodging Managers 4,010 4,560 550 60 80 130 75.836 22.21 46.024 52.84 109.905 Wk Exp.+ Bachel 70.700	11-9041	Engineering Managers												Wk Exp.+ Bachelor's or higher degree	
11-9071 Gaming Managers 270 290 30 0 10 10 67,246 17.10 35,577 50,38 104,790 Wk Exp. Bachel 11-9081 Lodging Managers 4,010 4,560 550 60 80 130 75,836 22.21 46,204 52.84 109,905 Wk Exp. Bachel 11-912 Natural Sciences Managers 4,010 4,560 550 60 80 130 75,836 22.21 46,204 52.84 109,905 Wk Exp. Bachel 11-912 Natural Sciences Managers 240 260 20 0 10 10 93,246 30.27 62,968 62.88 129,745 Wk Exp. Bachel 11-914 Managers 1,790 1,990 200 20 30 80 110 41,840 8.76 18,213 31,43 71,350 Bachel 11-919 Managers 1,790 1,990 200 20 30 50 59,751 15.30 31,830 43,89 91,288 Bachel 11-919 Managers 4,010	11-9051	Food Service Managers		3,470		30	80			12.37	25,733	33.89	70,484	Work Exp. in a related occ.	
11-908 Lodging Managers 970	11-9061	Funeral Directors		550		10			52,034	15.92				Associate degree	Lic. Req.
11-9111 Medical and Health Services Managers 4,010 4,560 550 60 80 130 75,836 22,21 46,204 52,84 109,905 Wk Exp.+ Bachel Property, Real Estate, and Community Association 11-9141 Managers 5,940 6,240 300 30 80 110 41,840 8.76 18,213 34,3 71,350 Bachel Social and Community Service Managers 1,790 1,990 200 20 30 50 59,751 15,30 31,810 43,89 91,288 Bachel Social and Community Service Managers 1,790 1,990 200 20 30 50 59,751 15,30 31,810 43,89 91,288 Bachel Social and Community Service Managers 1,790 1,990 1,270 130 340 460 74,224 19,58 40,717 56,28 117,069 Work Exp. in Agents and Business Managers of Artists, Performers, 13-1011 and Athletes 110 110 0 0 0 0 0 0 42,559 12,36 25,712 32,99 68,620 Work Exp. in Agents and Business Managers of Artists, Perm Products 140 130 0 0 0 0 42,559 12,36 25,712 32,99 68,620 Work Exp. in Advisors 13-1021 Purchasing Agents and Buyers, Farm Products 1,100 1,270 0 0 30 30 47,545 12,77 26,558 33,16 68,963 Bachel Purchasing Agents, Except Wholesale, Retail, and Farm 13-1022 Products 1,200														Wk Exp.+ Bachelor's or higher degree	
11-9121 Natural Sciences Managers 240 260 20 20 10 10 93,246 30.27 62,968 62.38 129,745 Wk Exp. + Bachel Property, Real Estate, and Community Association 11-9141 Managers 5,940 6,240 300 30 80 110 41,840 8.76 18,213 34.3 71,350 Bachel Real Real Community Service Managers 1,790 1,990 200 20 30 50 59,751 15,30 31,830 43.89 91,288 Bachel Real Real Real Real Business Managers of Artists, Performers, and Athletes 110 110 0 0 0 0 0 38,154 8.30 17,271 31,77 66,073 Wk Exp. + Bachel Real Business Managers of Artists, Performers, and Athletes 110 110 0 0 0 0 0 0 0														Work Exp. in a related occ.	Cert. Avail.
Property, Real Estate, and Community Association 11-9141 Managers 11-9141 Managers 11-915 Social and Community Service Managers 11-916 Managers 11-917 Managers 11-918 Managers 11-919 Managers, All Other Agents and Business Managers of Artists, Performers, and Athletes 11-101 Purchasing Agents and Business Managers of Artists, Performers, and Athletes 11-102 Purchasing Agents and Busyers, Farm Products 13-1021 Purchasing Agents, Except Farm Products 13-1022 Purchasing Agents, Except Wholesale, Retail, and Farm 13-103 Claims Adjusters, Examiners, and Investigators 13-103 Claims Adjusters, Examiners, and Investigators 13-103 Insurance Appraisers, Auto Damage Compliance Officers, Except Agriculture, Construction, 13-1041 Health and Safety, and Transportation 13-1051 Emergency Management Specialists 13-1061 Emergency Management Specialists 13-107 Compensation, Benefits, and Joh Analysis Specialists 13-107 Compensation, Benefits, and Joh Analysis Specialists 13-107 Specialists, All Other 13-107 Specialists, All Other 13-108 Ligitations 13-108 Ligitations 13-108 Ligitations 13-109 Specialists, All Other 13-108 Ligitations 13-109 Ligitations	11-9111	Medical and Health Services Managers	4,010	4,560		60		130				52.84	109,905	Wk Exp.+ Bachelor's or higher degree	Lic. Req.
11-9151 Social and Community Service Managers 1.790 1.990 200 20 30 50 59,751 15.30 31,830 43.89 91,288 Bachele Managers, All Other 1.690 18,190 1,270 130 340 460 74,224 19.58 40,717 56.28 117,069 Work Exp. it 1.706 Wor														Wk Exp.+ Bachelor's or higher degree	
11-1919 Managers, All Other 16,920 18,190 1,270 130 340 460 74,224 19.58 40,717 56.28 117,069 Work Exp. is Agents and Business Managers of Artists, Performers, and Business Managers of Artists, Performers, and Athletes 110 110 0 0 0 0 0 0 0									41,840	8.76				Bachelor's degree	
Agents and Business Managers of Artists, Performers, 13-1011 and Athletes 110 110 0 0 0 0 0 0 38,154 8.30 17,271 31.77 66,073 Wk Exp.+ Bachel 13-1021 Purchasing Agents and Buyers, Except Farm Products 1,40 130 0 0 0 0 0 42,559 12.36 25,712 32.99 68,620 Work Exp. i 13-1022 Wholesale and Retail Buyers, Except Farm Products 1,310 1,270 0 0 30 30 47,545 12.77 26,558 33.16 68,963 Bachel Purchasing Agents, Except Wholesale, Retail, and Farm 13-1023 Products 3,090 3,210 130 10 70 80 49,682 13.91 28,929 36.68 76,295 Bachel 13-1031 Claims Adjusters, Examiners, and Investigators 4,680 5,040 360 40 120 160 63,799 17.18 35,731 45.02 93,633 Long-term 13-1032 Claims Adjusters, Except Agriculture, Construction, 13-1041 Health and Safety, and Transportation 4,260 4,550 290 30 50 80 50,085 15.00 31,199 35.99 74,862 Long-term 13-1051 Cost Estimators 2,220 2,480 260 30 50 70 56,845 16.16 33,604 42.75 88,915 Bachel 13-1061 Emergency Management Specialists 130 140 10 0 0 0 0 46,096 13.96 29,044 31.32 65,139 Work Exp. i 13-1071 Employment, Recruitment, and Placement Specialists 1,330 1,410 80 10 30 40 43,648 12.42 25,833 31.23 64,949 Bachel 13-1072 Compensation, Benefits, and Job Analysis Specialists 1,950 2,230 280 30 40 70 45,825 12.11 25,198 35.31 73,444 Bachel 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 51,804 15,58 32,411 38.61 80,305 Bachel 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15,58 32,411 38.61 80,305 Bachel 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15,58 32,411 38.61 80,305 Bachel 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70				1,990								43.89		Bachelor's degree	
13-1021 Purchasing Agents and Buyers, Farm Products 140 130 0 0 0 0 42,559 12.36 25,712 32.99 68,620 Work Exp. i		Agents and Business Managers of Artists, Performers,						460						Work Exp. in a related occ.	
13-1022 Wholesale and Retail Buyers, Except Farm Products 1,310 1,270 0 0 30 30 47,545 12.77 26,558 33.16 68,963 Bacheloc Purchasing Agents, Except Wholesale, Retail, and Farm 13-1023 Products 3,090 3,210 130 10 70 80 49,682 13.91 28,929 36.68 76,295 Bacheloc 13-1031 Claims Adjusters, Examiners, and Investigators 4,680 5,040 360 40 120 160 63,799 17.18 35,731 45.02 93,633 Long-term 13-1032 Insurance Appraisers, Auto Damage 200 220 20 20 20 20 20								0						Wk Exp.+ Bachelor's or higher degree	
Purchasing Agents, Except Wholesale, Retail, and Farm 13-1023 Products 13-103 Products 13-103 Claims Adjusters, Examiners, and Investigators 4,680 5,040 360 40 120 160 63,799 17.18 35,731 45.02 93,633 Long-term 13-103 Insurance Appraisers, Auto Damage Compliance Officers, Except Agriculture, Construction, 13-1041 Health and Safety, and Transportation 4,260 4,550 290 30 50 80 50,085 15.00 31,199 35.99 74,862 Long-term 13-1051 Cest Estimators 2,220 2,480 260 30 50 70 56,845 16,16 33,604 42,75 88,915 Bachele 13-1061 Emergency Management Specialists 130 140 10 0 0 0 46,096 13,96 29,044 31,32 65,139 Work Exp. i 13-1071 Employment, Recruitment, and Placement Specialists 130 1,410 80 10 30 40 43,648 12,42 25,833 31,23 64,949 Bachele 13-1072 Compensation, Benefits, and Job Analysis Specialists 970 1,090 110 10 20 30 47,625 15,38 31,981 31,72 65,976 Bachele 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45,825 12,11 25,198 35.31 73,444 Bachele Human Resources, Training, and Labor Relations 13-1081 Eight Specialists, All Other 13-1082 Long-term 13-1083 Secialists, All Other 13-1084 Secialists, All Other 13-1085 Secialists, All Other 13-1086 Secialists, All Other 13-1087 Specialists, All Other 13-1086 Secialists, All Other 13-1087 Specialists, All Other 13-1088 Secialists, All Other 13-1089 Specialists, All Other 13-1081 Long-term 13-1081 Secialists, All Other 13-1080 Secialists, All Other 13-1081 Secialists, All Other			110					0					,	Work Exp. in a related occ.	Lic. Req.
13-1031 Claims Adjusters, Examiners, and Investigators 4,680 5,040 360 40 120 160 63,799 17.18 35,731 45,02 93,633 Long-term		Purchasing Agents, Except Wholesale, Retail, and Farm												Bachelor's degree	
13-1032 Insurance Appraisers, Auto Damage 200 220 20 20 20 20 20														Bachelor's degree	
Compliance Officers, Except Agriculture, Construction, 13-1041 Health and Safety, and Transportation 4,260 4,550 290 30 50 80 50,085 15.00 31,199 35.99 74,862 Long-term 13-1051 Cost Estimators 2,220 2,480 260 30 50 70 56,845 16.16 33,604 42.75 88,915 Bachelt 13-1061 Emergency Management Specialists 130 140 10 0 0 0 46,096 13.96 29,044 31.32 65,139 Work Exp. i 13-1071 Employment, Recruitment, and Placement Specialists 1,330 1,410 80 10 30 40 43,648 12.42 25,833 31.23 64,949 Bachelt 13-1072 Compensation, Benefits, and Job Analysis Specialists 970 1,090 110 10 20 30 47,625 15.38 31,981 31.72 65,976 Bachelt 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45,825 12.11 25,198 35.31 73,444 Bachelt Human Resources, Training, and Labor Relations 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15,58 32,411 38.61 80,305 Bachelt 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachelt 20 30 30 40 70 51,804 15,58 32,411 38.61 80,305 Bachelt 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40														Long-term Tng. & Exp.	
13-1051 Cost Estimators 2,220 2,480 260 30 50 70 56,845 16.16 33,604 42.75 88,915 Bachele 13-1061 Emergency Management Specialists 130 140 10 0 0 0 0 46,096 13.96 29,004 31.32 65,139 Work Exp. it 13-1071 Employment, Recruitment, and Placement Specialists 1,330 1,410 80 10 30 40 43,648 12.42 25,833 31.23 65,139 Work Exp. it 13-1072 Compensation, Benefits, and Job Analysis Specialists 970 1,090 110 10 20 30 47,625 15.38 31,981 31.72 65,976 Bachele 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45,825 12.11 25,198 35.31 73,444 Bachele 13-1073 Resources, Training, and Labor Relations 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachele 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachele 13-1081 13-1073 13-1074 13-1075 13-1074 13-1075 13-1074 13-1075 13-		Compliance Officers, Except Agriculture, Construction,												Long-term Tng. & Exp.	
13-1061 Emergency Management Specialists 130 140 10 0 0 0 46,096 13.96 29,044 31.32 65,139 Work Exp. i 13-1071 Employment, Recruitment, and Placement Specialists 1,330 1,410 80 10 30 40 43,648 12.42 25,833 31.23 64,949 Bachelt 13-1072 Compensation, Benefits, and Job Analysis Specialists 970 1,090 110 10 20 30 47,625 15.38 31.981 31.72 65,976 Bachelt 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45,825 12.11 25,198 35.31 73,444 Bachelt 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachelt 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,665 Bachelt 2,000 10 10 10 10 10 10 10 10 10 10 10 10														Long-term Tng. & Exp.	
13-1071 Employment, Recruitment, and Placement Specialists 1,330 1,410 80 10 30 40 43,648 12.42 25,833 31.23 64,949 Bachele 13-1072 Compensation, Benefits, and Job Analysis Specialists 970 1,090 110 10 20 30 47,625 15.38 31,981 31.72 65,976 Bachele 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45,825 12.11 25,198 35.31 73,444 Bachele Human Resources, Training, and Labor Relations 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachele 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachele														Bachelor's degree	
13-1072 Compensation, Benefits, and Job Analysis Specialists 970 1,090 110 10 20 30 47,625 15.38 31,981 31.72 65.976 Bachelt 13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45.825 12.11 25,198 35.31 73,444 Bachelt 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachelt 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachelt 13-1081 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachelt 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachelt 13-1081 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachelt 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachelt 13-1081 1,990 320 320 330 40 70 51,804 15.58 32,411 38.61 80,305 Bachelt 13-1081 1,990 320 320 320 320 320 320 320 320 320 32														Work Exp. in a related occ.	
13-1073 Training and Development Specialists 1,950 2,230 280 30 40 70 45,825 12.11 25,198 35.31 73,444 Bachele Human Resources, Training, and Labor Relations 13-1079 Specialists, All Other 1,670 1,990 320 30 40 70 51,804 15.58 32,411 38.61 80,305 Bachele 13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachele	13-1071	Employment, Recruitment, and Placement Specialists	1,330	1,410	80	10	30	40	43,648	12.42	25,833	31.23	64,949	Bachelor's degree	
13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachele	13-1073	Training and Development Specialists						30 70						Bachelor's degree Bachelor's degree	
13-1081 Logisticians 510 600 90 10 10 20 62,453 18.20 37,850 45.03 93,662 Bachele			1,670	1,990	320	30	40	70	51,804	15.58	32,411	38.61	80,305	Bachelor's degree	
			510	600	90	10	10	20	62,453	18.20	37,850	45.03	93,662	Bachelor's degree	
			2,710	2,980	270	30	50	70				52.09		Wk Exp.+ Bachelor's or higher degree	
														Bachelor's degree	
						210								Bachelor's degree	
														Bachelor's degree	Lic. Req.
														Postsecondary voc.	. 1
			550	580	30	0	10		56,659	15.76	32,782	43.53	90,538	Bachelor's degree	
			310	310	0	0	10	10	55,656	15.63	32,503	44.86	93,314	Bachelor's degree	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	Annual Avg. Wage - Lowest 10% 11	2010 State Hourly Avg. Wage Highest 10% ¹²	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
13-2051	Financial Analysts	780	920		10	0	20	70,327	18.66		51.37	106,854	Bachelor's degree	
13-2052	Personal Financial Advisors	820	1,010		20	10	30	50,539	11.68		43.27	90,001	Bachelor's degree	
13-2053 13-2061	Insurance Underwriters Financial Examiners	750 130	760 140		0	20	20	47,104 75,879	14.06 17.82		35.62 57.88	74,085 120,382	Bachelor's degree Bachelor's degree	
	Loan Counselors	400	410		0	0	10	42,428	17.82		29.59	61,548	Bachelor's degree	
	Loan Officers	4,430	4.800	370	40	50	90	47,436			35.53	73,910	Bachelor's degree	
13-2081	Tax Examiners, Collectors, and Revenue Agents	690	730		10		20	50,847	12.64		41.56	86,443	Bachelor's degree	
13-2082	Tax Preparers	1,730	1,430	0	0	30	30	29,388	7.70	16,011	22.54	46,885	Modterm Tng. & Exp.	
13-2099	Financial Specialists, All Other	950	1,040		10	30	40	54,727	13.61		41.98	87,318	Bachelor's degree	
15-1011	Computer and Information Scientists, Research	200	220	20	0	10		80,595	33.65		49.05	102,018	Doctoral degree	
15-1021	Computer Programmers	2,990	2,740	0	0	60	60	58,126	14.79		40.25		Bachelor's degree	Cert. Avail.
15-1031	Computer Software Engineers, Applications	1,210	1,620		40	20	60	70,026	20.76		50.43	104,885	Bachelor's degree	Cert. Avail.
15-1032	Computer Software Engineers, Systems Software	760	970	200 580	20	10		76,022	22.80		53.58	111,450	Bachelor's degree	C 1
15-1041 15-1051	Computer Systems Analysts	4,110 3,650	4,680 4,400		60 80	130 100	190 170	43,377 57,502	12.71 16.54		31.56 41.38	65,640 86,064	Associate degree	Cert. Avail. Cert. Avail.
15-1051	Computer Systems Analysts Database Administrators	440	530		10	100	20	61,534	19.44		40.64		Bachelor's degree Bachelor's degree	Cert. Avaii.
15-1001	Network and Computer Systems Administrators	1,330	1,710		40	30	70	56,090	17.60		38.49		Bachelor's degree	Cert. Avail.
15 10/1	rection and computer systems realisments	1,000	1,710	200		50	,,	30,070	17.00	50,010	50.17	00,000	Dacheror 5 degree	Cort. Arrain.
15-1081	Network Systems and Data Communications Analysts	1,320	1,910		60	30		55,026	16.11		39.93	83,044	Bachelor's degree	
15-1099	Computer Specialists, All Other	1,530	1,620	90	10	40	50	72,653	17.89		52.26	108,707	Postsecondary voc.	
15-2031	Operations Research Analysts	240	240	0	0	10		50,955	14.15		36.60	76,120	Master's degree	
15-2041	Statisticians	90	100	10	0	0		63,406	18.46		44.81	93,206	Master's degree	
17-1011	Architects, Except Landscape and Naval	1,530	1,620 380	90 20	10			68,303	16.29		50.88	105,829 78,346	Bachelor's degree	Lic. Req.
17-1012 17-1021	Landscape Architects	360 60	380 70		0	10	10	58,771 57,524	14.44 17.21	,	37.67 44.02	78,346 91,572	Bachelor's degree Bachelor's degree	Lic. Req.
17-1021	Cartographers and Photogrammetrists Surveyors	1,350	1,510		20	40	60	50,478	12.18		38.57	80,221	Bachelor's degree	Lic. Req.
17-2011	Aerospace Engineers	150	150		0	0	0	86,008	26.44		60.88	126,633	Bachelor's degree	Lic. Req.
17-2021	Agricultural Engineers	30	30		0	0	0	73,460	25.76		48.51	100,907	Bachelor's degree	Lic. Req.
17-2031	Biomedical Engineers	60	80	20	0	0	0	48,844	16.32	33,939	31.57	65,668	Bachelor's degree	
17-2041	Chemical Engineers	1,230	1,290	60	10	30	40	97,472	30.25	62,922	65.41	136,045	Bachelor's degree	Lic. Req.
17-2051	Civil Engineers	3,500	3,810	310	30	90	120	88,136			66.26	137,814	Bachelor's degree	Lic. Req.
17-2061	Computer Hardware Engineers	60	60	0	0	0		75,965	25.25		56.27	117,037	Bachelor's degree	
17-2071	Electrical Engineers	1,360	1,460		10		40	86,049	25.68		61.02		Bachelor's degree	Lic. Req.
	Electronics Engineers, Except Computer	460	490		0	10		74,258	22.11		52.96		Bachelor's degree	Lic. Req.
17-2081	Environmental Engineers Health and Safety Engineers, Except Mining Safety	370	440		10			73,098	22.49		48.37	100,611	Bachelor's degree	Lic. Req.
17-2111	Engineers and Inspectors	670	690		0	20	20	60,376			46.36		Bachelor's degree	* · · · · · · · · · · · · · · · · · · ·
	Industrial Engineers	2,310	2,850		50	60	110 10	70,385			56.27	117,052	Bachelor's degree	Lic. Req.
	Marine Engineers and Naval Architects Materials Engineers	320 150	360 130		0	10	10	72,270 90,420	22.61 26.31		49.69 66.69		Bachelor's degree Bachelor's degree	Lic. Req.
17-2131	Mechanical Engineers	2,240	2,410		20	50	70	82,788	26.85		57.62		Bachelor's degree	Lic. Req.
	Mining and Geological Engineers, Including Mining	30			0									•
17-2151 17-2171	Safety Engineers	1,820	30 1,910		10	0 50		81,610 99,196	32.65 29.11		47.28 72.40		Bachelor's degree	Lic. Req.
17-2171	Petroleum Engineers Engineers, All Other	4,020	4,190		20	50	60	79,411	29.11		58.79		Bachelor's degree Bachelor's degree	Lic. Req. Lic. Req.
17-2199	Architectural and Civil Drafters	1,330	1,280		0			44,751	13.48		31.48	65,472	Postsecondary voc.	Cert. Avail.
17-3012	Electrical and Electronics Drafters	710	720	10	0	20	20	57,339	18.05		38.71	80.517	Postsecondary voc.	Cert. Avail.
17-3013	Mechanical Drafters	1,480	1,530	50	10		50	43,902	12.07		31.83	66,206	Postsecondary voc.	Cert. Avail.
17-3019	Drafters, All Other	1,380	1,500	120	10	40	50	46,200	13.91	28,923	34.95	72,692	Postsecondary voc.	
17-3021	Aerospace Engineering and Operations Technicians	20	20	0	0		0	49,633	20.37		29.11	60,558	Associate degree	
17-3022	Civil Engineering Technicians	1,820	1,860	40	0	40	40	48,364	14.01		33.54	69,754	Associate degree	
17-3023	Electrical and Electronic Engineering Technicians	2,230	2,290	60	10		50	53,027	15.42		35.73	74,317	Associate degree	Lic. Req.
17-3024	Electro-Mechanical Technicians	90	80	0	0		0	50,699	16.46		31.02		Associate degree	
17-3025 17-3026	Environmental Engineering Technicians	230 630	270 660	40 30	0		10 20	42,189 57,877	13.13 16.16		30.35 44.62	63,128 92,801	Associate degree	
17-3026	Industrial Engineering Technicians Mechanical Engineering Technicians	390	410		0		10	54,239	15.29		39.93		Associate degree Associate degree	Lic. Req
17-3027	Engineering Technicians, Except Drafters, All Other	1.290	1.320	20	0		30	58,539	15.29		39.93		Associate degree	Lic. Req
17-3029	Surveying and Mapping Technicians	1,610	1,790	180	20	30	50	32,466	9.17		24.20		Modterm Tng. & Exp.	
19-1012	Food Scientists and Technologists	30	30		0	0	0	64,545	19.43		44.06		Bachelor's degree	
19-1013	Soil and Plant Scientists	60	70		0	0	0	70,929	22.60		52.21	108,587	Bachelor's degree	
19-1021	Biochemists and Biophysicists	290	320	30	0	10	10	60,165	21.47		37.69		Doctoral degree	
19-1022	Microbiologists	50	70		0	0	0	91,018		56,103	63.87	132,843	Doctoral degree	
19-1023	Zoologists and Wildlife Biologists	70	80		0		0	68,691	19.67		47.91	99,652	Doctoral degree	
19-1029	Biological Scientists, All Other	250	280		0		10	69,515	21.26		46.35		Doctoral degree	
19-1031	Conservation Scientists	120	160		0		10	69,847	23.63		44.57	92,713	Bachelor's degree	
19-1032	Foresters	270	250	0	0	10	10	58,257	19.33	40,198	38.00	79,037	Bachelor's degree	

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19-1041	Epidemiologists	230	250		0	10		62,518	20.55	42,742	42.65		Doctoral degree	
19-1042 19-1099	Medical Scientists, Except Epidemiologists Life Scientists, All Other	80 80	100 100		0	0	10	93,760 84,245	19.61 22.85	40,780 47,531	63.89 61.78		Doctoral degree	
19-1099	Physicists	80 30	30		0		0	84,243 92,157	25.11		79.93		Bachelor's degree Doctoral degree	
19-2012	Atmospheric and Space Scientists	60	70		0		0	81,223	20.97		56.53		Bachelor's degree	
19-2031	Chemists	1,230	1,330		10		40	67,084	17.06		50.02		Bachelor's degree	
19-2041	Environmental Scientists and Specialists, Including Health	1,300	1,400		10	30	40	59,260		35,930	43.51		Bachelor's degree	
19-2041	Geoscientists, Except Hydrologists and Geographers	580	650	70	10			87,497	23.78		65.41	136,060	Bachelor's degree	
19-2043	Hydrologists	30	40	10	0	0		79,050			49.52		Bachelor's degree	
19-2099	Physical Scientists, All Other	120	120	0	0	0	0	78,815			59.72		Bachelor's degree	
19-3011	Economists	50		10	0	0	-	77,077	23.02		52.74		Bachelor's degree	
19-3021	Market Research Analysts	810			10			45,009	13.70		31.46		Bachelor's degree	
19-3022	Survey Researchers	530	600	70	10		10	44,428	13.92		28.02		Bachelor's degree	
19-3031	Clinical, Counseling, and School Psychologists	360	410		10			73,106	18.36		54.55		Master's degree	
19-3039	Psychologists, All Other	210		20 20	0	0		82,230	24.80		54.07		Master's degree	Lic. Req.
19-3051 19-3091	Urban and Regional Planners Anthropologists and Archeologists	220 70	250 80		0	10		50,619 65,472	15.50 20.42		38.20 42.84		Master's degree Master's degree	
19-3091	Historians	30			0	0	-	51,478	14.03		37.15		Master's degree	
19-3099	Social Scientists and Related Workers, All Other	200	220		0	10	-	64,241	18.71		45.72		Master's degree	
19-4011	Agricultural and Food Science Technicians	70	70		0	0		45,854	14.12		32.02		Associate degree	Lic. Req.
19-4021	Biological Technicians	500	560	60	10	20	20	33,063	9.40	19,543	26.52	55,155	Associate degree	•
19-4031	Chemical Technicians	2,090	2,180	90	10			52,335	15.00		35.94		Associate degree	
19-4041	Geological and Petroleum Technicians	1,160	1,070		0	40		59,532	16.78		38.61	80,303	Associate degree	
19-4061	Social Science Research Assistants Environmental Science and Protection Technicians,	160	180	20	0	10	10	35,581	13.00	27,046	23.41	48,692	Associate degree	
19-4091	Including Health	490	570		10				13.73		34.57	71,897	Associate degree	Lic. Req.
19-4092	Forensic Science Technicians	130	170		0	10		64,709	19.81		45.24		Associate degree	Lic. Req.
19-4093	Forest and Conservation Technicians	340	320	0	0	10	10	42,684	13.68	28,461	27.72	57,651	Associate degree	
19-4099	Life, Physical, and Social Science Technicians, All Other	370	400	40	0	10	20	40,150	9.11	18,947	31.34	65,182	Associate degree	
21-1011	Substance Abuse and Behavioral Disorder Counselors	950	1,120	170	20	20	40	40,858	10.44	21,718	32.40	67,384	Master's degree	Lic. Req.
21-1012	Educational, Vocational, and School Counselors	6,040	6,650	620	60	120	180	50,457	16.40	34,113	32.50		Bachelor's degree	•
21-1013	Marriage and Family Therapists	50	60	20	0	0	-	33,755	8.53		22.44		Master's degree	
21-1014	Mental Health Counselors	1,930	2,230		30			31,121	8.35		22.81	47,450	Master's degree	Lic. Req.
21-1015	Rehabilitation Counselors	840	930		10			31,484	7.35		26.09		Master's degree	Lic. Req.
21-1019	Counselors, All Other	1,120	1,220		10			42,965	11.21	23,311	28.94		Master's degree	
21-1021 21-1022	Child, Family, and School Social Workers Medical and Public Health Social Workers	2,960 1,480	3,180 1,940		20 50			49,001 44,707	13.17 13.48		36.27 30.14		Bachelor's degree Bachelor's degree	Lic. Req. Lic. Req.
													_	Lic. Req.
21-1023	Mental Health and Substance Abuse Social Workers	1,250	1,470		20			40,527	12.46		28.34		Master's degree	
21-1029 21-1091	Social Workers, All Other Health Educators	1,000 400	1,090 520	,,	10 10			54,231 45,776	15.91 12.53		35.73 33.80		Bachelor's degree	
	Probation Officers and Correctional Treatment												Master's degree	
21-1092	Specialists	1,150	1,270		10			45,540	11.22		33.71	70,110	Bachelor's degree	
21-1093	Social and Human Service Assistants	5,160 3,310	5,950	790 740	80			32,052			26.26		Modterm Tng. & Exp.	
21-1099 21-2011	Community and Social Service Specialists, All Other Clergy	220	4,050 270		70 10			33,276 41,501	7.89 12.71		27.16 28.86		Bachelor's degree Master's degree	
23-1011	Lawyers	10,770	11,260	490	50			94,625	21.03		79.85		First professional degree	Lic. Req.
	Administrative Law Judges, Adjudicators, and Hearing													Esc. req.
23-1021 23-1023	Officers	180 200	200 220	20	0	0	10	74,154 58,828	7.33 7.35		77.16 55.72		Wk Exp.+ Bachelor's or higher degree	
23-1023	Judges, Magistrate Judges, and Magistrates Paralegals and Legal Assistants	4,030	4,550		50		10	38,828 42,640	13.30		29.52		Wk Exp.+ Bachelor's or higher degree Associate degree	
23-2011	Court Reporters	4,030	570		10			37,651	8.85		25.32		Postsecondary voc.	Lic. Req.
23-2092	Law Clerks	640	590	0	0			34,202			25.25		Bachelor's degree	Lic. Req.
23-2092	Title Examiners, Abstractors, and Searchers	830	790	0	0			40,049	11.33		30.39		Modterm Tng. & Exp.	
23-2099	Legal Support Workers, All Other	390	420	30	0	10		40,998			28.33		Modterm Tng. & Exp.	
25-1011	Business Teachers, Postsecondary	380	460	80	10			57,133	NA	34,207	NA	93,882	Doctoral degree	
25-1021	Computer Science Teachers, Postsecondary	240	290	50	10			62,186	NA		NA		Doctoral degree	
25-1022	Mathematical Science Teachers, Postsecondary	410	500	90	10			52,868	NA	26,882	NA		Doctoral degree	
25-1032	Engineering Teachers, Postsecondary	190	230	40	0	-		85,243	NA	49,953	NA		Doctoral degree	
25-1041	Agricultural Sciences Teachers, Postsecondary	70	80	20 80	0	0		57,867	NA	37,952	NA NA		Doctoral degree	
25-1042 25-1052	Biological Science Teachers, Postsecondary Chemistry Teachers, Postsecondary	350 180	430 220	80 40	10 0		10	53,082 65,701	NA NA		NA NA	82,660 91,741	Doctoral degree Doctoral degree	
25-1052	Environmental Science Teachers, Postsecondary	30	30	10				64,947	NA NA		NA NA		Doctoral degree	
20 1000		50	50	10	· ·	Ü		• 0.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2471	,572		0,,557	Doctoral degree	

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Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	Annual	2010 State Hourly Avg. Wage Highest 10% 12	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
25-1054	Physics Teachers, Postsecondary	110	140	30	0	0	10	73,257	NA	42,145	NA	112,427	Doctoral degree	
25-1061	Anthropology and Archeology Teachers, Postsecondary Area, Ethnic, and Cultural Studies Teachers,	20			0	0		49,487	NA				Doctoral degree	
25-1062	Postsecondary	40			0	0	-	65,277	NA				Doctoral degree	
25-1063	Economics Teachers, Postsecondary	120				0		66,333	NA		NA		Doctoral degree	
25-1064	Geography Teachers, Postsecondary	30				0		50,973	NA					
25-1065	Political Science Teachers, Postsecondary	120				0		61,219			NA	0.,0.,	Doctoral degree	
25-1066 25-1067	Psychology Teachers, Postsecondary	170 180		40 40	0	0		54,751 56,340	NA NA		NA NA		Doctoral degree Doctoral degree	
25-1067	Sociology Teachers, Postsecondary Health Specialties Teachers, Postsecondary	640		160				55,805			NA NA		Doctoral degree Doctoral degree	
25-1071	Nursing Instructors and Teachers, Postsecondary	680	830					59,305			NA NA		Master's degree	
25-1072	Education Teachers, Postsecondary	520	640								NA		Doctoral degree	
25-1082	Library Science Teachers, Postsecondary	60			0			52,908			NA		Doctoral degree	
	Criminal Justice and Law Enforcement Teachers,				_	-	-			,		,		
25-1111	Postsecondary	130	160	30	0	0	10	53,738	NA	35,186	NA	76,686	Doctoral degree	
25-1112	Law Teachers, Postsecondary	430	530	100	10	10	20	125,287	NA	89,389	NA	NA	Doctoral degree	
25-1113		90	110		0	0		57,802			NA		Doctoral degree	
	Art, Drama, and Music Teachers, Postsecondary	260						50,236			NA		Doctoral degree	
25-1122	Communications Teachers, Postsecondary	190	230	40	0	0	10	46,680	NA	24,899	NA	66,622	Doctoral degree	
25-1123	English Language and Literature Teachers, Postsecondary	440	540	100	10	10	20	52,675	NA	31,890	NA	77,626	Doctoral degree	
25-1124	Foreign Language and Literature Teachers, Postsecondary	90	120	20	0	0		55,054	NA	36,917	NA	79,695	Doctoral degree	
25-1124	History Teachers, Postsecondary	200			10			53,034	NA NA		NA NA		Doctoral degree	
25-1126	Philosophy and Religion Teachers, Postsecondary	60	80		0	0		59,862					Doctoral degree	
25-1120	Graduate Teaching Assistants	810					-		NA NA		NA		Bachelor's degree	
25-1192		30			0			49,533	NA		NA		Doctoral degree	
	•												Č.	
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	210			10			50,957	NA		NA		Master's degree	
25-1194	Vocational Education Teachers, Postsecondary	970						59,723	17.18		44.33		Work Exp. in a related occ.	Cert. Avail.
25-1199	Postsecondary Teachers, All Other	4,340	5,320		100			58,994	NA		NA		Doctoral degree	
25-2011 25-2012	Preschool Teachers, Except Special Education	3,910 3,010			50			21,691	6.93 NA		17.09		Bachelor's degree	Cert. Avail.
25-2012	Kindergarten Teachers, Except Special Education	3,010	3,460	400	50	50	100	44,476	NA	34,504	NA	56,220	Bachelor's degree	Cert. Avail.
25-2021	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Vocational	27,100	30,650	3,550	360	590	950	44,622	NA	35,011	NA	55,498	Bachelor's degree	Lic. Req.
25-2022	Education	1,110	1,240	130	10	20		45,818	NA	33,535	NA	58,773	Bachelor's degree	
25-2023	Vocational Education Teachers, Middle School	700	660	0	0	20	20	45,742	NA	36,306	NA	54,532	Wk Exp.+ Bachelor's or higher degree	
25 2021	Secondary School Teachers, Except Special and	12.260	12.050	700	70	270	440	46.150		24002		50.445		
25-2031 25-2032	Vocational Education	12,360			70 0	370 40		46,159 48,615			NA NA		Bachelor's degree	Lic. Req.
25-2052	Vocational Education Teachers, Secondary School Special Education Teachers, Preschool, Kindergarten,	1,200	1,140	U	ľ	40	40	48,615	NA	37,031	NA	02,082	Bachelor's degree	
25-2041	and Elementary School	1,320	1,560	240	20	30	50	46,244	NA	34,796	NA	59,302	Bachelor's degree	Cert. Avail.
25-2042		230	270		0	10		47,629	NA		NA		Bachelor's degree	Cert. Avail.
25-2043	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, and GED Teachers	7,840	8,450	620	60	170	240	46,290	NA		NA		Bachelor's degree	Cert. Avail.
25-3011	and Instructors	720			10				10.19				Bachelor's degree	
25-3021	Self-Enrichment Education Teachers	3,160	3,900	740	70	30		40,531	10.71		26.41		Work Exp. in a related occ.	
25-3099	Teachers and Instructors, All Other	6,000		500		60			NA		NA		Bachelor's degree	
25-4011	Archivists	50			0	0		47,436					Master's degree	
		180		20	0	10		32,316			25.84		Master's degree	
25-4013 25-4021	Museum Technicians and Conservators Librarians	130 2,310	150 2,370	20 70	10	10 60		29,329 48,201	9.60 17.03		22.14 30.74		Bachelor's degree Master's degree	Lic. Req.
25-4021	Library Technicians	1,620						25,866	7.38		18.40		Short-term Tng. & Exp.	Lic. Req.
25-9011	Audio-Visual Collections Specialists	1,020	1,750	140	0	0		45,048	14.56		28.59		Modterm Tng. & Exp.	
25-9011	Instructional Coordinators	2,130		460	50			48,032			33.63		Master's degree	
25-9031	Teacher Assistants	16,140			110			17,990	NA		NA		Short-term Tng. & Exp.	Cert. Avail.
25-9099	Education, Training, and Library Workers, All Other	910											Bachelor's degree	Lic. Req.
27-1011	Art Directors Fine Artists, Including Painters, Sculptors, and	240		0	0	10		59,155			39.77		Wk Exp.+ Bachelor's or higher degree	- 1
27-1013	Illustrators	150	140	n	0	0	n	41,156	10.86	22,595	30.40	63,225	Long-term Tng. & Exp.	
27-1019	Artists and Related Workers, All Other	140			0	0		40,250					Long-term Tng. & Exp.	
27-1021	Commercial and Industrial Designers	390				10		73,134	15.85		54.25		Bachelor's degree	
27-1023	Floral Designers	1,250		0	0		30	23,044	7.47		15.20		Modterm Tng. & Exp.	
27-1024	Graphic Designers	2,330	2,430	100	10	60	70	36,606	10.85	22,568	26.71	55,562	Bachelor's degree	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	Annual	2010 State Hourly Avg. Wage - Highest 10 % ¹²	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
27-1025	Interior Designers	590		60	10	20	20	48,905			34.51	71,790	Bachelor's degree	Lic. Req.
27-1026	Merchandise Displayers and Window Trimmers	720		60	10	20	30	27,381			18.77	39,032	Modterm Tng. & Exp.	
27-1029	Designers, All Other	280		30 60		10	10	48,561			36.29	75,484	Bachelor's degree	
27-2012 27-2022	Producers and Directors Coaches and Scouts	810 2,390		250	10 30	20 60	30 90	45,017 41,262			42.83 NA	89,087 66,958	Wk Exp.+ Bachelor's or higher degree Long-term Tng. & Exp.	
27-2022	Umpires, Referees, and Other Sports Officials	570		30		20	20	27,850			NA NA	40.715	Long-term Tng. & Exp.	
27-2023	Choreographers	120		0	0	10	10	39,599			42.74	88,906	Work Exp. in a related occ.	
27-2041	Music Directors and Composers	70		10	0	0	0	44,674			30.75	63,953	Wk Exp.+ Bachelor's or higher degree	
27-2042	Musicians and Singers	640	570	0	0	10	10	NA	9.80	NA	27.84	NA	Long-term Tng. & Exp.	
27-3011	Radio and Television Announcers	710		0	0	20	20	27,474			20.68	43,009	Long-term Tng. & Exp.	
27-3012	Public Address System and Other Announcers	140		0	0	10	10	28,425			25.77	53,599	Modterm Tng. & Exp.	
27-3021	Broadcast News Analysts	150		0	0	10	10	67,570			71.96	149,681	Bachelor's degree	
27-3022	Reporters and Correspondents	600		200	0 20	20 10	20 30	46,441			37.20	77,373	Bachelor's degree	
27-3031 27-3041	Public Relations Specialists Editors	1,870 710		200	20	20	20	47,997 42,144			35.62 31.23	74,086 64,959	Bachelor's degree Bachelor's degree	
27-3041	Technical Writers	200		20		10	10	50,720			34.15	71,032	Bachelor's degree	
27-3043	Writers and Authors	1,220		10		20	20	40,659			33.21	69,083	Bachelor's degree	
27-3091	Interpreters and Translators	440		70		10	20	23,200			14.12	29,378	Long-term Tng. & Exp.	
27-3099	Media and Communication Workers, All Other	460	460	10	0	10	10	32,671	9.10	18,931	25.37	52762	Long-term Tng. & Exp.	
27-4011	Audio and Video Equipment Technicians	350		70		10	20	31,765			24.73	51,448	Long-term Tng. & Exp.	
27-4012	Broadcast Technicians	450		10	0	20	20	30,351			25.13	52,276	Postsecondary voc.	
27-4013	Radio Operators	30		0	0	0	0	28,686			19.39	40,337	Long-term Tng. & Exp.	
27-4014	Sound Engineering Technicians	70		10	0	0	0 30	34,089			25.81	53,691	Postsecondary voc.	
27-4021	Photographers Camera Operators, Television, Video, and Motion	1,510	1,490	U	U	30	30	27,587	7.86	16,342	19.45	40,461	Long-term Tng. & Exp.	
27-4031	Picture	300	320	20	0	10	10	29,579	7.81	16,235	23.18	48.217	Modterm Tng. & Exp.	
27-4032	Film and Video Editors	250		50	10	10	10	50,500			34.16	71,058	Bachelor's degree	
	Media and Communication Equipment Workers, All													
27-4099	Other	70	80	10	0	0	0	63,977	11.08	23,051	49.21	102,363	Modterm Tng. & Exp.	
29-1011	Chiropractors	600		70		10	10	73,183			67.37	140,132	First professional degree	Lic. Req.
29-1021	Dentists, General	1,210		90		20	30	134,816			>80.00	>166,400	First professional degree	Lic. Req.
29-1029	Dentists, All Other Specialists	30		80	0	0	0	132,337			>80.00	>166,400	First professional degree	
29-1031 29-1041	Dietitians and Nutritionists Optometrists	980 320		80 40	10	30 10	30 10	45,081 144,374			32.26 >80.00	67,111 >166,400	Bachelor's degree First professional degree	Lic. Req. Lic. Req.
29-1041	Pharmacists	4,170		960	100	70	170	102,448			63.39	131,841	First professional degree	Lic. Req.
29-1061	Anesthesiologists	610		110	10	10	20	205,221			>80.00	>166,400	First professional degree	Lic. Req.
29-1062	Family and General Practitioners	1,040		230	20	20	40	182,792			>80.00	>166,400	First professional degree	Lic. Req.
29-1063	Internists, General	410	450	40	0	10	10	165,965	41.86	87,076	>80.00	>166,400	First professional degree	Lic. Req.
29-1064	Obstetricians and Gynecologists	260		50	10	10	10	202,533			>80.00	>166,400	First professional degree	Lic. Req.
29-1065	Pediatricians, General	210		30	0	0	10	140,853			>80.00	>166,400	First professional degree	Lic. Req.
29-1066	Psychiatrists	250		20	0	10	10	152,559			>80.00	>166,400	First professional degree	Lic. Req.
29-1069 29-1071	Physicians and Surgeons, All Other Physician Assistants	3,740 620		730 320	70 30	70 10	140 40	190,503 70,321			>80.00 48.94	>166,400 101,795	First professional degree Bachelor's degree	Lic. Req. Lic. Req.
29-1071	Podiatrists	80		320	0	0	40	144,991			>80.00	>166,400	First professional degree	Lic. Req.
29-1111	Registered Nurses	40,090		8,520	850	660	1,510	60,721			39.38	81,906	Associate degree	Lic. Req.
29-1121	Audiologists	130		20	0	0	0	68,440			40.65	84,550	Master's degree	Lic. Req.
29-1122	Occupational Therapists	1,430	1,790	370	40	20	60	70,945	21.00	43,670	49.72	103,414	Bachelor's degree	Lic. Req.
29-1123	Physical Therapists	2,350		680	70	30	100	77,994			54.32	112,981	Master's degree	Lic. Req.
29-1124	Radiation Therapists	220		60	10	0	10	65,587			49.82	103,618	Associate degree	
29-1125	Recreational Therapists	430		0	0	10	10	39,692			26.95	56,053	Bachelor's degree	
29-1126 29-1127	Respiratory Therapists Speech-Language Pathologists	2,060 860		520 110	50 10	30 20	80 30	48,767 69,542			30.38 54.64	63,181 113,657	Associate degree Master's degree	Lic. Req. Lic. Req.
29-1127	Therapists, All Other	610		60	10	10	10	60,145			46.20	96,103	First professional degree	Lic. Req.
29-1129	Veterinarians	650		160	20	10	30	81,885			68.79	143,087	First professional degree	Lic. Req.
29-2011	Medical and Clinical Laboratory Technologists	2,780		290	30	40	70	48,950			32.01	66,584	Bachelor's degree	Lic. Req.
29-2012	Medical and Clinical Laboratory Technicians	2,650	3,070	420	40	40	80	32,526	9.99	20,787	23.04	47,913	Associate degree	- 1
29-2021	Dental Hygienists	1,800		500	50	30	80	56,404			41.12	85,531	Associate degree	Lic. Req.
29-2031	Cardiovascular Technologists and Technicians	710		200	20	10	30	39,186			31.89	66,331	Associate degree	
29-2032	Diagnostic Medical Sonographers	700		150	20	10	30	58,984			37.90	78,838	Associate degree	
29-2033	Nuclear Medicine Technologists	240		40	0	0 50	10 100	62,804			37.11	77,180	Associate degree	Lie Doo
29-2034 29-2041	Radiologic Technologists and Technicians Emergency Medical Technicians and Paramedics	3,480 3,040		560 640	60 60	50 40	100	47,836 33,706			30.69 23.09	63,839 48,035	Associate degree Postsecondary voc.	Lic. Req. Lic. Req.
29-2041	Dietetic Technicians	3,040		50	10	10	20	23,304			16.76	34,857	Modterm Tng. & Exp.	Lic. Keq.
29-2052	Pharmacy Technicians	4,620		1,610		140	300	27,344			17.53	36,468	Modterm Tng. & Exp.	Lic. Req.
29-2053	Psychiatric Technicians	1,140		0	0	40	40	23,636			17.83	37,081	Postsecondary voc.	
29-2054	Respiratory Therapy Technicians	500	510	20	0	20	20	45,424	16.63	34,597	27.89	58,004	Postsecondary voc.	

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29-2055	Surgical Technologists	1,260	1,590	330	30	40	70	37,644			24.09	50,097	Postsecondary voc.	<u>.</u>
29-2056	Veterinary Technologists and Technicians Licensed Practical and Licensed Vocational Nurses	670	840	170	20 420	20 530	40 950	23,704			15.53	32,310	Associate degree	Lic. Req.
29-2061	Licensed Practical and Licensed Vocational Nurses	19,470	23,670	4,200	420	530	950	37,564	13.49	28,065	23.41	48,699	Postsecondary voc.	Lic. Req.
29-2071	Medical Records and Health Information Technicians	2,380	2,790	400	40	70	110	28,555	8.32	17,308	21.16	44,007	Associate degree	Cert. Avail.
29-2081	Opticians, Dispensing	780	830	50	10	30	30	29,866			19.97	41,537	Long-term Tng. & Exp.	
29-2099	Health Technologists and Technicians, All Other	1,230	1,420	190	20	10	30	35,561			26.50	55,110	Long-term Tng. & Exp.	Lic. Req.
29-9011	Occupational Health and Safety Specialists	840 230	920 270	80 40	10	20	20	65,011			44.12 32.06	91,759	Bachelor's degree	n
29-9012 29-9091	Occupational Health and Safety Technicians Athletic Trainers	230 260	310	40 50	10	10	10 10	46,819 29,972			32.06 NA	66,684 49,881	Associate degree Bachelor's degree	Lic. Req. Lic. Req.
27-7071	Healthcare Practitioners and Technical Workers, All	200	510	50	10	10	10	27,772		14,730	11/1	47,001	Bacileior's degree	Eic. Req.
29-9099	Other	1,260	1,440	180	20	20	40	36,868	8.39	17,458	35.77	74,393	Bachelor's degree	Lic. Req.
31-1011	Home Health Aides	11,340	16,800	5,470	550	100	650	18,934			11.84	24,628	Short-term Tng. & Exp.	Cert. Avail.
31-1012	Nursing Aides, Orderlies, and Attendants	25,560	30,630	5,070 40	510	230 20	740 20	19,829		14,781	12.84	26,699	Short-term Tng. & Exp.	Lic. Req.
31-1013 31-2011	Psychiatric Aides Occupational Therapist Assistants	2,240 210	2,280 270	60	0 10	20	10	22,987 52,228			16.33 33.69	33,960 70,073	Short-term Tng. & Exp. Associate degree	
31-2011	Occupational Therapist Assistants Occupational Therapist Aides	80	100	20	0	0	0	28,591			28.04	58,316	Short-term Tng. & Exp.	
31-2021	Physical Therapist Assistants	840	1,130	290	30	10	40	42,071			33.77	70,243	Associate degree	Lic. Req.
31-2022	Physical Therapist Aides	940	1,160	220	20	10	30	22,287			15.06	31,324	Short-term Tng. & Exp.	Lic. Req.
31-9011	Massage Therapists	1,020	1,190	170	20	10	30	29,431			24.51	50,983	Postsecondary voc.	Lic. Req.
31-9091 31-9092	Dental Assistants Medical Assistants	3,870 4,530	4,920 6,120	1,060 1,590	110 160	70 60	170 220	27,984 25,506		19,835 17,593	18.05 16.20	37,535 33,694	Modterm Tng. & Exp. Modterm Tng. & Exp.	Cert. Avail.
31-9092	Medical Equipment Preparers	380	430	1,390	100	10	10	24,408			15.45	32,144	Short-term Tng. & Exp.	Cert. Avaii.
31-9094	Medical Transcriptionists	1,400	1,590	190	20	20	40	29,210			19.16	39,849	Postsecondary voc.	
31-9095	Pharmacy Aides	920	820	0	0	10	10	21,416	7.46	15,510	12.99	27,015	Short-term Tng. & Exp.	
	Veterinary Assistants and Laboratory Animal													
31-9096 31-9099	Caretakers Healthcare Support Workers, All Other	1,480 3,220	1,560 3,770	80 560	10 60	20 40	30 100	22,780 25,805			16.21 18.09	33,723 37,635	Short-term Tng. & Exp. Short-term Tng. & Exp.	Lic. Req.
31-9099	First-Line Supervisors/Managers of Correctional	3,220	3,770	300	00	40	100	23,803	0.24	17,142	18.09	37,033	Short-term Tilg. & Exp.	Lic. Req.
33-1011	Officers	1,910	2,190	280	30	50	80	55,005	16.28	33,863	35.76	74,384	Work Exp. in a related occ.	
	First-Line Supervisors/Managers of Police and													
33-1012	Detectives	2,150	2,350	200	20	70	90	61,419	17.26	35,911	49.17	102,265	Work Exp. in a related occ.	
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	1,590	1,740	150	20	50	70	50,559	16.59	34,500	34.07	70,858	Work Exp. in a related occ.	
33=1021	First-Line Supervisors/Managers, Protective Service	1,590	1,740	150	20	50	70	30,339	10.59	54,500	34.07	70,036	work Exp. in a related occ.	
33-1099	Workers, All Other	610	650	50	10	10	20	41,767	13.27	27,595	28.35	58,973	Work Exp. in a related occ.	
33-2011	Fire Fighters	3,970	4,360	380	40	150	180	31,672		17,697	23.99	49,893	Long-term Tng. & Exp.	
33-2021	Fire Inspectors and Investigators	210	230	20	0	10	10	45,040			31.08	64,640	Work Exp. in a related occ.	
33-3011 33-3012	Bailiffs Correctional Officers and Jailers	540 11,480	600 13,520	2,050	10 210	10 260	20 470	30,578 35,604			24.40 25.69	50,746 53,443	Modterm Tng. & Exp. Modterm Tng. & Exp.	
33-3012	Detectives and Criminal Investigators	1,840	2,250	420	40	40	80	51,834			42.98	89,389	Work Exp. in a related occ.	
33-3051	Police and Sheriff's Patrol Officers	10,720	11,770	1,050	110	290	390	37,721		22,476	25.92	53,919	Long-term Tng. & Exp.	
33-9011	Animal Control Workers	180	190	20	0	0	10	26,746			19.39	40,322	Modterm Tng. & Exp.	Lic. Req.
33-9021	Private Detectives and Investigators	430	470	40	0	10	10	37,610	12.51	26,027	25.09	52,185	Work Exp. in a related occ.	Lic. Req.
33-9031	Gaming Surveillance Officers and Gaming Investigators	470	600	130	10	10	20	30,107	8.81	18,327	22.49	46,781	Modterm Tng. & Exp.	
33-9032	Security Guards	16,370	17,740	1,370	140	330	470	23,449				33,936	Short-term Tng. & Exp.	Lic. Req.
33-9091	Crossing Guards	720	700	0	0	20	20	20,753			14.49	30,138	Short-term Tng. & Exp.	
	Lifeguards, Ski Patrol, and Other Recreational													
33-9092	Protective Service Workers	590	620	20	0	40	50	17,732			10.63	22,119	Short-term Tng. & Exp.	
33-9099 35-1011	Protective Service Workers, All Other Chefs and Head Cooks	1,680 2,040	1,910 2,280	230 240	20 20	120 30	150 50	34,858 37,973		17,289 22,601	26.48 29.10	55,072 60,521	Short-term Tng. & Exp. Postsecondary voc.	
33-1011	First-Line Supervisors/Managers of Food Preparation	2,040	2,200	240	20	50	50	31,713	10.07	22,001	27.10	00,521	rostsecondary voc.	
35-1012	and Serving Workers	13,970	16,190	2,220	220	110	330	28,307	8.82	18,354	19.24	40,016	Work Exp. in a related occ.	
	Cooks, Fast Food	10,420	12,000	1,580	160	280	440	16,156			9.21	19,150	Short-term Tng. & Exp.	
	Cooks, Institution and Cafeteria	11,440	11,980	540	50	310	360	18,044			11.21	23,312	Long-term Tng. & Exp.	
	Cooks, Restaurant Cooks, Short Order	10,810 3,250	12,720 3,550	1,910 300	190 30	290 90	480 120	21,236 17,567			14.00 11.07	29,114 23,025	Long-term Tng. & Exp. Short-term Tng. & Exp.	
35-2019	Cooks, All Other	1,050	1,090	300 40	0	30	30	17,367			12.29	25,569	Modterm Tng. & Exp.	
35-2021	Food Preparation Workers	31,350	37,870	6,530	650	1,090	1,740	16,937			10.18	21,175	Short-term Tng. & Exp.	
35-3011	Bartenders	8,240	9,440	1,210	120	300	420	17,069	6.80	14,134	9.94	20,666	Short-term Tng. & Exp.	
25 205:	Combined Food Preparation and Serving Workers,	10.5	14.55-	2.5		2					0	10.05		
35-3021	Including Fast Food Counter Attendants, Cafeteria, Food Concession, and	13,250	16,520	3,260	330	250	580	16,638	6.80	14,152	9.53	19,831	Short-term Tng. & Exp.	
35-3022	Coffee Shop	4,130	4,720	600	60	290	350	17,195	6.84	14,232	10.45	21,728	Short-term Tng. & Exp.	
	Waiters and Waitresses	33,360	38,760	5,400	540	1,810	2,350	17,847			11.26	23,420	Short-term Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% 10	2010 State Annual Avg. Wage - Lowest 10% 11	2010 State Hourly Avg. Wage - Highest 10% ¹²	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
35-3041	Food Servers, Nonrestaurant Dining Room and Cafeteria Attendants and Bartender	2,230	2,580	350	40	30	70	18,233	6.89	14,333	12.09	25,140	Short-term Tng. & Exp.	
35-9011 35-9021	Helpers Dishwashers Hosts and Hostesses, Restaurant, Lounge, and Coffee	3,800 6,310	4,390 7,300	580 1,000	60 100	160 260	220 360	16,927 16,289	6.82 6.80	14,183 14,140	9.72 9.26	20,221 19,264	Short-term Tng. & Exp. Short-term Tng. & Exp.	
35-9031	Shop Food Preparation and Serving Related Workers, All	4,430	5,170	750	80	300	380	17,131	6.84	14,220	10.20	21,209	Short-term Tng. & Exp.	
35-9099	Other First-Line Supervisors/Managers of Housekeeping and	960	1,100	140	10	50	60	17,479	6.83	14,205	11.14	23,168	Short-term Tng. & Exp.	
37-1011	Janitorial Workers First-Line Supervisors/Managers of Landscaping, Lawn	3,810	4,120	320	30	60	90	30,005	8.96	18,635	20.32	42,276	Work Exp. in a related occ.	Cert. Avail.
37-1012	Service, and Groundskeeping Workers Janitors and Cleaners, Except Maids and Housekeeping	1,940	2,110	170	20	10	30	34,298	9.07	18,870	25.64	53,335	Work Exp. in a related occ.	
37-2011	Cleaners	31,030	33,810	2,780	280	590	870	19,599	6.97	14,504	12.51	26,012	Short-term Tng. & Exp.	
37-2012	Maids and Housekeeping Cleaners	16,480	18,600	2,120	210	310	520	17,810	6.89	14,324	11.23	23,356	Short-term Tng. & Exp.	
37-2021	Pest Control Workers	1,550	1,610	60	10	40	40	28,434	8.31	17,292	19.56	40,687	Modterm Tng. & Exp.	
37-3011	Landscaping and Groundskeeping Workers Pesticide Handlers, Sprayers, and Applicators,	9,630	10,160	530	50	130	180	22,139	7.14	14,843	15.45	32,146	Short-term Tng. & Exp.	Cert. Avail.
37-3012	Vegetation	540	550	10	0	10	10	29,500	8.39	17,455	21.51	44,745	Modterm Tng. & Exp.	
37-3013	Tree Trimmers and Pruners	380	380	0 40	0	10	10	25,106	8.61	17,907	16.75	34,833	Short-term Tng. & Exp.	
37-3019 39-1011	Grounds Maintenance Workers, All Other	470 1,580	510	40 270	0 30	10 30	10 60	26,383	8.85	18,399	22.29 29.00	46,371	Short-term Tng. & Exp.	
39-1011	Gaming Supervisors Slot Key Persons	1,630	1,840 1,600	2/0	0	30	30	46,113 24,780	13.90 7.90	28,919 16,437	16.03	60,325 33,342	Postsecondary voc. Postsecondary voc.	
39-1012	First-Line Supervisors/Managers of Personal Service	1,030	1,000	U	0	30	30	24,760	7.90	10,437	10.03	33,342	Postsecondary voc.	
39-1021	Workers	3,810	4,060	250	30	80	110	34,952	10.50	21,831	25.76		Work Exp. in a related occ.	
39-2011	Animal Trainers	270	300	30	0	10	10	28,078	7.58	15,759	22.27	46,330	Modterm Tng. & Exp.	Lic. Req.
39-2021	Nonfarm Animal Caretakers	2,480	2,680	190	20	40	60	21,845	7.10	14,771	15.49	32,211	Short-term Tng. & Exp.	
39-3011 39-3012	Gaming Dealers Gaming and Sports Book Writers and Runners	3,900 300	4,300 320	400 30	40 0	80 10	120 10	20,493 19,587	6.84 6.94	14,227 14,430	17.38 13.88	36,147 28,875	Postsecondary voc.	
39-3012	Motion Picture Projectionists	80	80	30	0	0	10	20,009	7.13	14,430	11.65	24,233	Postsecondary voc. Short-term Tng. & Exp.	
39-3021	Ushers, Lobby Attendants, and Ticket Takers	970	1.030	60	10	70	70	18,336	6.95	14,447	12.09	25,156	Short-term Tng. & Exp.	
39-3091	Amusement and Recreation Attendants Locker Room, Coatroom, and Dressing Room	1,540	1,600	60	10	80	80	17,785	6.86	14,264	11.41	23,724	Short-term Tng. & Exp.	
39-3093	Attendants Entertainment Attendants and Related Workers, All	100	100	0	0	10	10	18,351	6.93	14,415	11.43	23,781	Work Exp. in a related occ.	
39-3099	Other	2,250	2,540	290	30	110	140	20,812	7.40	15,384	12.75	26,519	Modterm Tng. & Exp.	
39-4011	Embalmers	160	180	30	0	0	10	43,300	16.01	33,299	26.14	54,361	Postsecondary voc.	
39-4021	Funeral Attendants	340	400	60	10	10	10	22,867	7.51	15,624	15.92	33,117	Short-term Tng. & Exp.	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	5,190	5,910	720	70	60	130	26,355	7.41	15,412	20.21	42,043	Postsecondary voc.	Lic. Req.
39-5092	Manicurists and Pedicurists	570	740	170 40	20	10	20 10	22,795	6.95	14,455	15.58	32,398	Postsecondary voc.	
39-5093 39-5094	Shampooers Skin Care Specialists	260 440	300 600	160	20	0 10	20	19,089 24,236	6.92 7.02	14,403 14,596	15.15 18.13	31,508 37,705	Short-term Tng. & Exp. Postsecondary voc.	
39-3094	Baggage Porters and Bellhops	600	690	90	10	10	20	21,229	6.90		12.25	25,470	Short-term Tng. & Exp.	
39-6012		100	110	10	0	0	0	25,018	7.79	16,197	17.73	36,883	Work Exp. in a related occ.	
39-6021	Tour Guides and Escorts Transportation Attendants, Except Flight Attendants	540	630	90	10	20	30	22,738	7.06	14,675	15.76	32,789	Modterm Tng. & Exp.	
39-6032	and Baggage Porters	140	150	10	0	0	0	21,468	6.87	14,296	17.12	35,606	Short-term Tng. & Exp.	
39-9011	Child Care Workers	12,120	13,540	1,410	140	350	490	18,186	6.89	14,341	11.69	24,313	Short-term Tng. & Exp.	Cert. Avail.
39-9021	Personal and Home Care Aides	13,700	19,080	5,380	540	230	770	17,807	6.90	14,357	10.83	22,532	Short-term Tng. & Exp.	Cert. Avail.
39-9031	Fitness Trainers and Aerobics Instructors	1,650	1,760	110	10	30	40	26,322	7.36	15,318	21.61	44,952	Postsecondary voc.	
39-9032 39-9041	Recreation Workers Residential Advisors	2,940 1,160	3,090 1,290	150 130	20 10	60 30	70 50	22,897 23,432	7.08 7.14	14,721 14,849	16.68 15.95	34,686 33,170	Short-term Tng. & Exp.	
39-9041	Personal Care and Service Workers, All Other First-Line Supervisors/Managers of Retail Sales	3,390	2,800	0	0	70	70	23,432 18,604	6.93	14,849	12.15	25,271	Modterm Tng. & Exp. Modterm Tng. & Exp.	
41-1011	Workers First-Line Supervisors/Managers of Retail Sales First-Line Supervisors/Managers of Non-Retail Sales	29,630	31,270	1,640	160	620	790	34,002	10.29	21,404	23.64	49,177	Work Exp. in a related occ.	
41-1012		5,020	5,070	50	10	70	80	56,264	12.77	26,567	46.56	96,841	Work Exp. in a related occ.	
41-2011		65,830	65,240	0	0	3,130	3,130	16,729	6.74	14,026	9.99	20,785	Short-term Tng. & Exp.	
41-2012	Gaming Change Persons and Booth Cashiers	1,140	1,090	0	0	50	50	22,154	7.21	15,001	14.78	30,740	Short-term Tng. & Exp.	
41-2021	Counter and Rental Clerks	5,650	6,550	900	90	220	310	22,702	7.00	14,556	16.72		Short-term Tng. & Exp.	
41-2022	Parts Salespersons	3,850	3,640	0	0	40	40	26,499	7.31	15,199	19.31	40,167	Modterm Tng. & Exp.	
41-2031	Retail Salespersons	60,700	67,390	6,690	670	1,870	2,540	22,803	6.97	14,500	16.86	35,071	Short-term Tng. & Exp.	
41-3011	Advertising Sales Agents	1,520	1,680	150 800	20 80	30 180	40 260	34,071	7.92	16,478	28.29	58,837	Modterm Tng. & Exp.	
41-3021	Insurance Sales Agents Securities, Commodities, and Financial Services Sales	8,460 2.090	9,260	230		180	260	44,901 72,064	11.53	23,972	37.89	78,819 137,654	Bachelor's degree	
41-3031	лдень	2,090	2,310	230	20	50	80	72,964	12.58	26,167	66.18	137,034	Bachelor's degree	

Reviseu 20														
Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	2010 State Annual Avg. Wage - Lowest 10% ¹¹	2010 State Hourly Avg. Wage Highest 10% 12	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
41-3041	Travel Agents	570	510	0	0	0	0	25,961	7.40	15,402	17.97	37,375	Postsecondary voc.	
	Sales Representatives, Services, All Other	4,770			90	110	200	45,050	11.42		36.23		Modterm Tng. & Exp.	
	Sales Representatives, Wholesale and Manufacturing,													
41-4011	Technical and Scientific Products	4,170	4,640	470	50	90	140	65,875	16.79	34,925	50.99	106,055	Modterm Tng. & Exp.	
	01 D													
41 4012	Sales Representatives, Wholesale and Manufacturing,	22.590	24.240	1.660	170	500	660	52 664	12.72	20 560	20.27	01 607	Mad town Two & Free	
	Except Technical and Scientific Products Demonstrators and Product Promoters	22,580 360			170 10	500 10	660 20	52,664 28,162	13.73 7.95				Modterm Tng. & Exp. Modterm Tng. & Exp.	
41-9011	Real Estate Brokers	560			0	10		47,307	13.25		32.39		Work Exp. in a related occ.	Lic. Req.
	Real Estate Sales Agents	2,880			0	50		37,705			29.70		Postsecondary voc.	Lic. Req.
	Sales Engineers	90		0	0	0	0	66,563	21.07		43.28		Bachelor's degree	
41-9041	Telemarketers	2,230	1,860	0	0	80	80	23,829	7.53	15,653	15.97	33,207	Short-term Tng. & Exp.	
	Door-To-Door Sales Workers, News and Street													
	Vendors, and Related Workers	1,610			0	20		28,404	7.13		22.86		Short-term Tng. & Exp.	n
41-9099	Sales and Related Workers, All Other First-Line Supervisors/Managers of Office and	1,010	1,110	90	10	10	20	36,634	8.72	18,136	30.06	62,517	Modterm Tng. & Exp.	Lic. Req.
43-1011	Administrative Support Workers	24,190	24,560	370	40	500	540	40,655	12.09	25,137	28.86	60,033	Work Exp. in a related occ.	
4,3=1011	Administrative Support Workers	24,190	24,300	370	40	300	540	40,055	12.09	23,137	20.00	00,033	WOLK EXP. III a related occ.	
43-2011	Switchboard Operators, Including Answering Service	3,360	2,950	0	0	70	70	22,564	7.43	15,445	15.34	31,913	Short-term Tng. & Exp.	
	Telephone Operators	530			0	10		32,132					Short-term Tng. & Exp.	
43-2099	Communications Equipment Operators, All Other	90	90		0	0	0	29,652	9.79	20,353	18.77	39,035	Short-term Tng. & Exp.	
43-3011	Bill and Account Collectors	3,850			50	60		29,690					Short-term Tng. & Exp.	
43-3021	Billing and Posting Clerks and Machine Operators	6,140			10	80	90	28,147			18.95		Short-term Tng. & Exp.	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	28,880			250	450	710	31,615					Modterm Tng. & Exp.	
43-3041 43-3051	Gaming Cage Workers Payroll and Timekeeping Clerks	680 3,190			0	20 80	20 80	22,983 31,966	7.70 10.61		14.71 20.93		Short-term Tng. & Exp.	Lic. Req
43-3051	Procurement Clerks	3,190 820			0	20	20	34,954			24.63		Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Tellers	10,720			110	470	580	21,791	8.00				Short-term Tng. & Exp.	
43-4011	Brokerage Clerks	330			0	10		33,021	12.50				Modterm Tng. & Exp.	
43-4021	Correspondence Clerks	30	30	0	0	0	0	32,391	7.93	16,501	21.65	45,030	Short-term Tng. & Exp.	
43-4031	Court, Municipal, and License Clerks	1,800		170	20	40		30,774	9.29		22.73		Short-term Tng. & Exp.	
43-4041	Credit Authorizers, Checkers, and Clerks	1,090			0	30	30	24,237	8.19		16.05		Short-term Tng. & Exp.	
43-4051	Customer Service Representatives	24,390			580	680	1,260	27,131	8.28		18.33		Modterm Tng. & Exp.	
43-4061 43-4071	Eligibility Interviewers, Government Programs	1,230 2,370			0	20 60	30 60	44,449 20,949	15.64 7.17		27.87 14.00		Modterm Tng. & Exp.	
43-40/1	File Clerks Hotel, Motel, and Resort Desk Clerks	3,410			90	140		20,949			13.68		Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Interviewers, Except Eligibility and Loan	1,830	2,120		30	50	80	25,460					Short-term Tng. & Exp.	
	Library Assistants, Clerical	540			10	20	20	21,598			15.34		Short-term Tng. & Exp.	
	Loan Interviewers and Clerks	2,660	2,550	0	0	50	50	28,351	8.45		19.45	40,451	Short-term Tng. & Exp.	
	New Accounts Clerks	1,190			0	40	40	26,500			16.16		Work Exp. in a related occ.	
43-4151	Order Clerks	2,190	1,600	0	0	50	50	27,387	8.06	16,770	19.76	41,096	Short-term Tng. & Exp.	
10 1161	Human Resources Assistants, Except Payroll and	1 100	1.650		20		20	22.521	10.51	22.204	22.40	44.544	gr	
	Timekeeping	1,490			20 200	10		33,521 21,571	10.71		22.48 14.14		Short-term Tng. & Exp.	Cont. Assoil
43-4171	Receptionists and Information Clerks Reservation and Transportation Ticket Agents and	19,680	21,650	1,970	200	480	080	21,371	7.28	13,143	14.14	29,408	Short-term Tng. & Exp.	Cert. Avail.
43-4181	Travel Clerks	750	740	0	0	20	20	31,197	9.49	19,749	22.73	47,276	Short-term Tng. & Exp.	
	Information and Record Clerks, All Other	4,030			0	60		30,762					Short-term Tng. & Exp.	
43-5011	Cargo and Freight Agents	660	730	70	10	20		40,778	13.91	28,928	25.37	52,780	Modterm Tng. & Exp.	
43-5021	Couriers and Messengers	2,120			0	60		21,938			15.41	32,043	Short-term Tng. & Exp.	
43-5031	Police, Fire, and Ambulance Dispatchers	1,670			20	40		26,752					Modterm Tng. & Exp.	
43-5032	Dispatchers, Except Police, Fire, and Ambulance	5,010			0	130		33,250			24.78		Modterm Tng. & Exp.	
43-5041	Meter Readers, Utilities	2,150			0	70		29,405			19.61	40,795	Short-term Tng. & Exp.	
43-5061 43-5071	Production, Planning, and Expediting Clerks Shipping, Receiving, and Traffic Clerks	2,680 7,340			10 30	70 180		42,143 28,574			29.90 20.18		Short-term Tng. & Exp. Short-term Tng. & Exp.	
43-5081	Stock Clerks and Order Fillers	21,560			0	510	510	21,474					Short-term Tng. & Exp.	
15 5001	Weighers, Measurers, Checkers, and Samplers,	21,500	.,,,50	Ü	ľ	510	510	2.,7/7	7.10	1 1,775	13.04	31,211	more cam rug. ce exp.	
43-5111	Recordkeeping	870	720	0	0	20	20	29,126	7.80	16,226	19.65	40,878	Short-term Tng. & Exp.	Lic. Req.
43-6011	Executive Secretaries and Administrative Assistants	15,600			130	250		35,801	11.80	24,539	23.99		Modterm Tng. & Exp.	Cert. Avail.
	Legal Secretaries	4,100			10	70	80	35,429	11.87		23.86		Postsecondary voc.	
	Medical Secretaries	2,640			70	40		25,548			17.11		Postsecondary voc.	
	Secretaries, Except Legal, Medical, and Executive	38,940			0	620		26,634	8.49		18.05		Modterm Tng. & Exp.	Cert. Avail.
43-9011 43-9021	Computer Operators Data Entry Keyers	1,310 3,670			0	20 90	20 90	35,471 25,400	10.50 8.34		26.51 17.05		Modterm Tng. & Exp.	
43-9021	Word Processors and Typists	1,030			0	90 20	90 20	25,400 29,563	8.34 9.43				Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Desktop Publishers	1,030			0	0	0	31,254	10.59		21.70		Postsecondary voc.	
	Insurance Claims and Policy Processing Clerks	1,820			0	20	20		9.72		19.80		Modterm Tng. & Exp.	
		-,-20	-,.00			20	20			,	-,.00	,		

Mail Clarks and Mail Mainten Growners. Engrip Product 5.00 250	Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	Annual	2010 State Hourly Avg. Wage Highest 10% 12	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
1.00 1.00															
1.5497 1.000 1.					0	-									
Productions and Corp Numbers 10					2,500										
1.0 1.0					0	-		10							
Office and Administration Support Newborks, of Lober 1,000 1,700 100 100 101					10			10							
A series		Office and Administrative Support Workers, All Other	1,890	1,730	0	0	40	40							
Agricultural Impositors Agricultural Imp	45-1011		680	610	0	0	10	10	44.440	13.55	28 10/	33.48	60 643	Mod -term Tng & Evn	
Grades and Solvers, Agricultural Pordures 500 500 10 10 10 23/07 714 14/55 16/22 35/19 16/22					20	-									Lic. Reg.
45-202 Fernance 4.20 3.10 0 0 110 110 19.07 6.94 14.44 12.3 25.69 4.00	45-2041	Graders and Sorters, Agricultural Products	590	590	0	0	10	10				16.22			
Assession Parameters, Farm and Reach Animals 900 800 0 0 0 200 201 24,648 701 14,799 16,179 16,167	45-2092		4.290	3.310	0	0	110	110	19.307	6.94	14.444	12.23	25.439	Long-term Tng. & Exp.	
Agricultural Workers Alf Color Alf South Alf S					0										
Segret Depression Control Co	45-2099		340	330	0	0	10				14,935	21.93			
Second					0										
First Line SupervisorManages of Communicion 17-101 Trades and Extraction Workers 17-201 Extraction Supervisor Manages of Communicion 17-201 Extraction Supervisor Manages of Communicion 17-201 Extraction Manages of Extraction Workers 18-50 State S					0	-		60							
														3	
1-7-12 1-7-						-							83,334		
47-2013 Carpeners 18,09 18,180 0 0 250 250 37,171 1.14 2,320 2,52 32,526 Legistern Tig. & Egs. Cert. Avail. 47-2014 Tigle Installers 260 200 0 0 0 0 0 0 0 0						-									
A-7-204 Carpor Installers Carpor In					20	-									
Foot Layer, Except Carpet, Wood, and Hard Tiles					0	-									Cert. Avail.
For Sunders and Firmbers 90 80 0 0 0 0 0 0 0 0					0	-		10							
47-204 Tile and Marthe Setters 540 610 80 10 10 20 31/89 11.44 27.77 20.53 42.704 Long-term Ting, & Exp.					0	-	-	0					. ,		
47-205 Terrazzo Weckers and Finishers 60 70 10 0 0 50 50 37,232 11.00 2.098 27.25 55.680 Long-term Ting, & Exp.					80	10	10								
47-207 Paving, Surfacing, and Tamping Equipment Operators 70 710 10 0 10 20 33.222 10.83 22.532 22.91 47.651 Modterm Tng, & Exp.															
7-2071 Paving, Surfacing, and Tamping Equipment Operators 700 710 10 0 10 20 33,222 10,83 22,532 22,91 47,651 Mod. 4erm Tug. & Exp. 7-2072 Pile-Driver Operators 370 370 0 0 10 10 39,460 14,09 29,633 24,19 50,315 Mod. 4erm Tug. & Exp. 7-2073 Equipment Operators 8,890 9,130 240 240 20 170 220 37,325 11,69 24,005 26,59 55,311 Mod. 4erm Tug. & Exp. 7-2073 Equipment Operators 18,800 18,900 12,440 150 20 320 330 330 330,49 1090 22,665 25,90 55,311 Mod. 4erm Tug. & Exp. 7-2121 Electricians 12,290 12,440 150 20 320 330 41,538 13,31 27,683 50,51 63,459 Long-term Tug. & Exp. Lic. Req. 7-2121 Clausitie Workers, Medimical 24,000 24,000 30 0 0 10 10 30,285 8,37 17,644 20,12 41,845 Mod. 4erm Tug. & Exp. Cert. Avail. 7-2122 Insulation Workers, Medimical 24,000 24,000 30 0 0 10 10 30,285 8,37 17,644 20,12 41,845 Mod. 4erm Tug. & Exp. Cert. Avail. 7-2123 Insulation Workers, Medimical 24,000 24,000 30 0 0 10 10 30,285 8,37 17,644 20,12 41,845 Mod. 4erm Tug. & Exp. Cert. Avail. 7-2124 Painters, Construction and Maintenance 10,000 1,060 0 0 0 0 0 0 0 0 0					10										
## A 2012 Pile Divier Operators and Other Construction Operators and Other Construction ## A 2013 Equipment Operators 8,890 9,130 240 20 170 200 37,325 11.69 24,305 26,59 53,311 Mod-term Ting. & Exp. Cert. Avail. ## A 2013 A 2014 A 2014	47-2061	Construction Laborers	19,470	19,200	0	0	150	150	26,445	8.29	17,235	18.47	38,409	Modterm Tng. & Exp.	Cert. Avail.
Operating Engineers and Other Construction 47-2078 Equipment Operators					10								. ,		
47-2013 Equipment Operators 8,890 9,130 240 20 170 200 37,325 1.69 24,305 26,59 55,311 Modderm Ting, & Exp. Cert. Avail. 47-2111 Electricians 12,90 12,440 150 20 320 330 330 43,588 13,31 27,683 30,51 30,459 Long-sterm Ting, & Exp. Lic. Req. 47-2121 Insulation Workers, Berche, Ceiling, and Wall 630 630 0 0 0 10 10 30,285 8-31 17,404 20,12 44,815 Modderm Ting, & Exp. Cert. Avail. 47-2131 Insulation Workers, Berche, Ceiling, and Wall 630 630 0 0 0 10 10 30,285 8-37 17,404 20,12 44,815 Modderm Ting, & Exp. Cert. Avail. 47-2141 Painters, Construction and Maintenance 10,090 10,500 400 40 40 810 220 32,941 11.08 23,037 20,73 41,112 Modderm Ting, & Exp. Cert. Avail. 47-2151 Painters, Construction and Maintenance 10,090 10,600 0 0 0 0 20 22 32,945 10,13 23,045 25,90 45,90 40,04-derm Ting, & Exp. Cert. Avail. 47-2152 Plumbers, Pipefitters, and Steamfitters 12,370 12,610 230 20 20 20 20 20 20	47-2072		370	370	0	0	10	10	39,460	14.09	29,303	24.19	50,315	Modterm Tng. & Exp.	
47-211 Control Contr	47 2073		8 800	0.120	240	20	170	200	27 225	11.60	24 205	26.50	55 211	Mod tarm Tng & Evn	Cart Avail
47-211 Electricians 12-200 12-440 150 20 32.0 33.0 43.538 33.1 27.683 30.1 63.459 Long-term Ting, & Exp. Crt. Avail. 47-2121 Insulation Workers, Floor, Ceiling, and Wall 630 630 0 0 10 10 30.285 8.37 17.404 20.12 41.845 Modterm Ting, & Exp. Crt. Avail. 47-2131 Insulation Workers, Floor, Ceiling, and Wall 24.00 2.450 30 0 0 60 60 30.285 8.37 17.404 20.12 41.845 Modterm Ting, & Exp. Crt. Avail. 47-2141 Painters, Construction and Maintenance 10.090 10.590 400 40 40 810 220 32.941 11.08 23.937 20.73 43.112 Modterm Ting, & Exp. Crt. Avail. 47-2151 Pipelayers 1.660 1.660 0 0 0 0 20 22.756 10.13 21.076 25.94 52.903 Modterm Ting, & Exp. Crt. Avail. 47-2161 Piselavers and Stuconditions 1.300 12.09 20 20.00 20.00 32.945 10.13 21.076 25.94 52.903 Modterm Ting, & Exp. Crt. Avail. 47-2161 Piselavers and Stuconditions 1.800 10.90					240										Cert. Avaii.
47-212 Glaziers 80 840 40 0 10 10 20 32,218 9.31 19,368 22.59 46,992 Long-term Ting, & Exp. Cert. Avail. A7-2131 Insulation Workers, Floor, Ceiling, and Wall 630 630 0 0 10 10 30,285 8.37 17,404 20,12 41,845 86p. Cert. Avail. 47-2131 Insulation Workers, Mechanical 2,420 2,450 30 0 660 60 36,520 11.52 23,061 25.52 53,089 Mod-term Ting, & Exp. Cert. Avail. 47-214 Painters, Construction and Maintenance 10,099 10,500 400 400 180 220 32,941 11.10 21.00 32,941 11.10 82,3037 20,73 43,112 Mod-term Ting, & Exp. Cert. Avail. 47-215 Pipelayers 1,060 1,060 0 0 0 20 32,941 11.10 82,007 20,007 20 32,941 11.10 82,007 20,007 20 32,941 11.10 82,007 20,007 20 32,941 11.10 82,007 20,0					150	-									Lic. Req.
47-2121 Insulation Workers, Mechanical 2,420 2,450 30 0 60 60 36,520 11,52 23,961 25,52 53,898 Mod-term Tng, & Exp. 47-2147 [April 1,108] April 1,108] April 1,108 2,109 3,109 11,108 2,109 1	47-2121		800		40	0									
47-2141 Painters, Construction and Maintenance 10,090 10,500 4					0										Cert. Avail.
47-2151 Pipelayers 1,060 1,060 0 0 20 20 32,756 10,13 21,076 25,04 52,093 Modterm Tng. & Exp. 47-2161 Plasterers and Stucco Masons 380 400 20 0 10 10 35,902 12,97 26,970 21,88 45,509 Long-term Tng. & Exp. 47-2171 Reinforcing fron and Rehar Workers 850 790 0 0 20 20 34,130 7.34 15,263 27,06 56,285 Long-term Tng. & Exp. 47-2181 Roofers 670 720 50 10 20 20 34,130 7.34 15,263 27,06 56,285 Long-term Tng. & Exp. 47-2181 Shee Metal Workers 2,540 2,660 110 10 60 70 35,518 11.03 22,942 24,09 50,109 Modterm Tng. & Exp. 47-2211 Shee Metal Workers 2,280 2,290 20 0 70 80 38,140 11.79 24,522 25,29 52,594 Long-term Tng. & Exp. 47-2181 Land Marble Setters 760 800 30 0 20 20 26,304 8,47 17,623 17,20 35,766 Short-term Tng. & Exp. 47-3011 Heipers-Brickmasons, Blockmasons, Stonemasons, and 47-3011 Tile and Marble Setters 2,700 2,500 0 0 70 70 23,989 7,81 16,247 15,63 32,513 Short-term Tng. & Exp. 47-3013 Heipers-Painters, Paperhangers, Plasterers, and Stucco 47-3014 Masons 780 720 2,710 0 0 0 0 20 24,489 8.18 17,018 15,68 32,620 Short-term Tng. & Exp. 47-3015 Steamfitters 2,700 2,840 90 10 70 80 29,025 9,58 19,23 19,85 41,295 Short-term Tng. & Exp. 47-3016 Helpers-Painters, Paperhangers, Pipeitters, and 47-4011 Construction and Building Inspectors 1,46 1,60 150 20 30 40 50,772 15,80 32,51 35,606 Short-term Tng. & Exp. 47-3016 Helpers-Construction Trades, All Other 990 1,040 50 10 30 30 26,183 8,39 17,447 18,05 37,541 Short-term Tng. & Exp. 47-3017 Helpers-Rointers 4,400 4						-									
47-2152 Plumbers, Pipefitters, and Steamfitters 12,370 12,610 230 20 20 20 280 43,985 13,64 28,380 29,87 62,125 Long-term Tng. & Exp. Lic. Req. 47-2161 Plasterers and Succo Masons 380 400 20 0 10 10 35,902 12,97 26,970 21,88 45,509 Long-term Tng. & Exp. 47-2181 Reinforcing Iron and Rebar Workers 850 790 0 0 20 20 34,130 7.34 15,266 27,06 50,285 Long-term Tng. & Exp. 47-2181 Roofers 670 720 50 110 10 60 70 35,518 11.03 22,924 24,90 50,109 Modterm Tng. & Exp. Cert. Avail. 47-2213 Structural Iron and Steel Workers 2,280 2,290 20 20 70 70 80 38,140 11.79 24,522 25,29 52,594 Long-term Tng. & Exp. 47-3014 Tile and Marble Setters 2,700 2,590 0 0 70 70 23,989 7.81 16,247 15,63 32,513 Short-term Tng. & Exp. 47-3012 Helpers-Pickinsmasons, Blockmasons, Stonemasons, and Helpers-Pickinsmasons, Plasterers, and Stucco 47-3016 Helpers-Pickinsmasons, Plasterers, an					400										Cert. Avail.
Hasterers and Stucce Massons 380 400 20 0 10 10 35,902 12,97 26,970 21,88 45,509 Long-term Ting, & Exp.					220	-									Lie Dag
47-2171 Reinforcing Iron and Rebar Workers 850 790 0 0 20 20 34,130 7.34 15,263 27,06 56,285 Long-term Ting, & Exp.															Lic. Keq.
47-2181 Roofers 670 720 50 10 20 20 30,984 10.24 21,306 19.77 41,128 Mod_term Tng_& Exp. Cert. Avail. 47-2212 Structural Iron and Steel Workers 2,540 2,660 110 10 60 70 80 38,140 11.79 24,522 25,29 50,109 Mod_term Tng_& Exp. Cert. Avail. 47-2212 Structural Iron and Steel Workers 2,280 2,290 20 20 70 80 38,140 11.79 24,522 25,29 50,594 Long-term Tng_& Exp. Cert. Avail. 47-2213 Helpers-Brickmasons, Blockmasons, Stonemasons, and 47-3014 Helpers-Carpenters 2,700 2,590 0 0 0 70 70 23,989 7.81 16,247 15.63 32,513 Short-term Tng_& Exp. 47-3015 Helpers-Electricians 2,700 2,710 0 0 70 70 25,933 9,26 19,269 16,28 33,860 Short-term Tng_& Exp. 47-3016 Masons Flepelayers, Plumbers, Pipefitters, and 47-3015 Steamfitters 2,750 2,840 90 10 70 80 29,025 9,58 19,923 19,85 41,295 Short-term Tng_& Exp. 47-3016 Belpers-Roofers 170 170 0 0 0 0 0 22,201 7,88 16,387 13,88 28,872 Short-term Tng_& Exp. 47-3016 Construction Trades, All Other 990 1,040 50 10 30 30 26,183 8,39 17,417 18,05 32,513 Short-term Tng_& Exp. 47-4011 Construction and Building Inspectors 1,480 1,640 150 20 30 40 50,772 15,80 32,873 35,00 72,805 Work Exp. in a related occ. Lic. Req. 47-4041 Hazardous Materials Removal Workers 1,400 1,340 100 10 20 30 30 26,183 83,871 30,46 63,355 Mod_t-term Tng_& Exp. 47-4051 Septic Tank Servicers and Sewer Pipe Cleaners 270 300 30 0 10 10 22,980 7,13 14,828 17,58 36,563 Mod_t-term Tng_& Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 10 10 22,980 7,13 14,828 17,58 36,563 Mod_t-term Tng_& Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 0 10 10 22,980 7,13 14,828 17,58 36,563 Mo					0	-									
47-221 Structural Iron and Steel Workers 2,280 2,290 20 0 70 80 38,140 11.79 24,522 25.29 52,594 Long-term Tng. & Exp.	47-2181					10	20	20	30,984	10.24			41,128		Cert. Avail.
Helpers-Brickmasons, Blockmasons, Stonemasons, and 47-3011 Tile and Marble Setters 760 800 30 0 20 20 26,304 8.47 17,623 17.20 35,766 Short-term Tng. & Exp. 47-3012 Helpers-Carpenters 2,700 2,590 0 0 0 70 70 23,989 7.81 16,247 15.63 32,513 Short-term Tng. & Exp. 47-3013 Helpers-Piectricians 2,700 2,710 0 0 70 70 25,933 9,26 19,269 16.28 33,860 Short-term Tng. & Exp. 47-3014 Masons 780 720 0 0 0 20 20 24,489 8.18 17,018 15.68 32,620 Short-term Tng. & Exp. 47-3015 Steamfitters 9,700 2,840 90 10 70 80 29,025 9,58 19,923 19,85 41,295 Short-term Tng. & Exp. 47-3016 Helpers-Roofers 170 170 170 0 0 0 0 22,201 7,88 16,387 13.88 28,872 Short-term Tng. & Exp. 47-3019 Helpers-Construction Trades, All Other 990 1,040 50 10 30 30 26,183 8.39 17,447 18,05 32,513 Short-term Tng. & Exp. 47-4011 Construction and Building Inspectors 1,480 1,640 150 20 30 40 50,772 15.80 32,873 35.00 72,805 Work Exp. in a related occ. Lic. Req. 47-4041 Hazardous Materials Removal Workers 1,040 1,040 0 0 20 20 36,514 10,94 22,750 25.38 52,789 Mod-term Tng. & Exp. 47-4016 Operators 270 300 30 0 10 10 46,314 16,28 33,871 30,46 63,355 Mod-term Tng. & Exp. 47-4017 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 0 10 10 22,280 7.13 14,828 17,58 36,56 Short-term Tng. & Exp.															Cert. Avail.
47-3011 Tile and Marble Setters 760 800 30 0 20 20 26,304 8.47 17,623 17.20 35,766 Short-term Tng. & Exp.	47-2221		2,280	2,290	20	0	70	80	38,140	11.79	24,522	25.29	52,594	Long-term Tng. & Exp.	
Helpers-Electricians	47-3011		760	800	30	0	20	20	26,304	8.47	17,623	17.20	35,766	Short-term Tng. & Exp.	
Helpers-Painters, Paperhangers, Plasterers, and Stucco 47-3015 Masons Pleplayers, Plumbers, Pipeliters, and Helpers-Pipelayers, Plumbers, Pipeliters, and Helpers-Popelayers, Plumbers, Pipelayers, Pipeliters, and Helpers-Popelayers, Plumbers, Pipelayers,	47-3012	HelpersCarpenters	2,700	2,590	0	0	70		23,989	7.81	16,247	15.63	32,513	Short-term Tng. & Exp.	
47-3014 Masons 780 720 0 0 20 24,489 8.18 17,018 15.68 32,620 Short-term Tng. & Exp.	47-3013		2,720	2,710	0	0	70	70	25,933	9.26	19,269	16.28	33,860	Short-term Tng. & Exp.	
47-3016 Helpers-Roofers 170 170 0 0 0 0 0 0 2,2,201 7,88 16,387 13.88 28,872 Short-term Tng. & Exp. 47-3019 Helpers, Construction and Building Inspectors 1,480 1,640 150 20 30 40 50,772 15.80 32,873 35.00 72,805 Work Exp. in a related occ. Lic. Req. 47-4041 Hazardous Materials Removal Workers 1,040 1,040 0 0 20 20 36,514 10,94 22,750 25.38 52,789 Modterm Tng. & Exp. 47-405 Highway Maintenance Workers 1,240 1,340 100 10 20 30 20 20 36,514 10,94 22,750 25.38 52,789 Modterm Tng. & Exp. 47-406 Updates and Maintenance Equipment 47-406 Updates and Maintenance Equipment 47-407 Septic Tank Servicers and Sewer Pipe Cleaners 270 370 0 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Modterm Tng. & Exp.	47-3014	Masons	780	720	0	0	20	20	24,489	8.18	17,018	15.68	32,620	Short-term Tng. & Exp.	
47-3019 Helpers, Construction Trades, All Other 990 1,040 50 10 30 30 26,183 8.39 17,447 18.05 37,541 Short-term Tng. & Exp. 47-4011 Construction and Building Inspectors 1,480 1,640 150 20 30 40 50,772 15.80 32,873 35.00 72,805 Work Exp. in a related occ. Lic. Req. 47-4041 Hazardous Materials Removal Workers 1,040 1,040 0 0 0 20 20 36,514 10,94 22,750 25.38 25,789 Modterm Tng. & Exp. 47-4051 Highway Maintenance Workers 1,240 1,340 100 10 20 30 29,810 8.05 16,746 23.05 47,945 Modterm Tng. & Exp. 47-4061 Operators 270 300 30 0 10 10 46,314 16,28 33,871 30.46 63,355 Modterm Tng. & Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Modterm Tng. & Exp.					90			80							
47-4011 Construction and Building Inspectors 1,480 1,640 150 20 30 40 50,772 15.80 32,873 35.00 72,805 Work Exp. in a related occ. Lic. Req. 47-4041 Hazardous Materials Removal Workers 1,040 1,040 0 0 20 20 36,514 10,94 22,750 25.38 52,789 Mod-term Tng. & Exp. 47-4051 Highway Maintenance Workers 1,240 1,340 100 10 20 30 29,810 8.05 16,746 23.05 32,789 Mod-term Tng. & Exp. 47-4051 Highway Maintenance Equipment 47-4051 Mighway Maintenance Equipment 47-4051 Septic Tank Servicers and Sewer Pipe Cleaners 270 300 30 0 10 10 10 46,314 16,28 33,871 30,46 63,355 Mod-term Tng. & Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Mod-term Tng. & Exp.					0	· ·		0							
47-4041 Hazardous Materials Removal Workers 1,040 1,040 0 0 20 20 36,514 10.94 2,750 25.38 52,789 Modterm Tng. & Exp. 47-4051 Highway Maintenance Workers 1,240 1,340 100 10 20 30 29,810 8.05 16,746 23.05 47,945 Modterm Tng. & Exp. 47-4051 Mighway Maintenance Equipment 47-4061 Operators 270 300 30 0 10 10 46,314 16,28 33,871 30.46 63,355 Modterm Tng. & Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Modterm Tng. & Exp.															Lin Dan
47-4051 Highway Maintenance Workers 1,240 1,340 100 10 20 30 29,810 8.05 16,746 23.05 47,945 Modterm Tng. & Exp. Rail-Track Laying and Maintenance Equipment 47-4061 Operators 270 300 30 0 10 10 46,314 16,28 33,871 30.46 63,355 Modterm Tng. & Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Modterm Tng. & Exp.					150	20					. ,				Lic. Keq.
47-4061 Operators 270 300 30 0 10 10 46,314 16.28 33,871 30.46 63,355 Modterm Tng. & Exp. 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Modterm Tng. & Exp.		Highway Maintenance Workers			100										
47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 270 270 0 0 10 10 22,980 7.13 14,828 17.58 36,563 Modterm Tng. & Exp.	47, 4061		270	200	20	0	10	10	46 214	16.20	22 971	20.46	62 255	Mod -term Tna & Evn	
					0										
	47-4099	Construction and Related Workers, All Other			0									Modterm Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	Annual Avg. Wage - Lowest 10% 11	2010 State Hourly Avg. Wage Highest 10 % 12	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
47-5011	Derrick Operators, Oil and Gas	1,630	1,710		10			45,482	15.17	31,558	30.53	63,492	Modterm Tng. & Exp.	
47-5012	Rotary Drill Operators, Oil and Gas	1,700	1,800	100	10		30	60,521	16.97		39.96		Modterm Tng. & Exp.	
47-5013	Service Unit Operators, Oil, Gas, and Mining	4,850	5,500		70		110	42,596	13.48		31.26		Modterm Tng. & Exp.	
47-5021	Earth Drillers, Except Oil and Gas	520	610	80	10	20	30	57,723	20.73	43,115	36.80	76,540	Modterm Tng. & Exp.	
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	30	30		0	0	0	25 (02	13.04	27.127	23.16	48,178	M. I	
47-5031	Continuous Mining Machine Operators	250	290		0	10		35,693 42,461	15.17		26.56		Modterm Tng. & Exp. Modterm Tng. & Exp.	
47-5041	Mining Machine Operators, All Other	250	260		0	10		43,983	11.84		35.36		Modterm Tng. & Exp. Modterm Tng. & Exp.	
47-5071	Roustabouts, Oil and Gas	4.080	4,540		50		170	31,819	9.91		22.94		Modterm Tng. & Exp.	
47-5071	HelpersExtraction Workers	960	1.110		20		40	31,678	9.72		22.91		Short-term Tng. & Exp.	
47-5099	Extraction Workers, All Other	990	1,090		10		40	44,095	15.23				Modterm Tng. & Exp.	
	First-Line Supervisors/Managers of Mechanics,		-,					,		,				
49-1011	Installers, and Repairers	8,960	9,550	590	60	210	270	55,592	16.37	34,056	39.73	82,639	Work Exp. in a related occ.	
	Computer, Automated Teller, and Office Machine													
49-2011	Repairers	1,330	1,290	0	0	20	20	27,070	8.81	18,315	19.85	41,278	Postsecondary voc.	
	Telecommunications Equipment Installers and													
49-2022	Repairers, Except Line Installers	2,220	2,210		0	60		45,338	11.72		31.17		Postsecondary voc.	
49-2091	Avionics Technicians	570	600		0			47,450					Postsecondary voc.	
49-2092		530	490	0	0	20	20	34,536	11.37	23,643	23.59	49,062	Postsecondary voc.	
40.2002	Electrical and Electronics Installers and Repairers,	500	540	40			20	41.120	10.00	21.400	20.50	c1.5c2	P	
49-2093	Transportation Equipment Electrical and Electronics Repairers, Commercial and	500	540	40	0	10	20	41,130	10.29	21,409	29.69	61,763	Postsecondary voc.	
40.2004		1.000	1.070	70	10	20	40	55.042	16.50	24 255	26.22	75 567	Deuteenen dem een	
49-2094	Industrial Equipment Electrical and Electronics Repairers, Powerhouse,	1,000	1,070	70	10	30	40	55,943	16.52	34,355	36.33	75,567	Postsecondary voc.	
49-2095	Substation, and Relay	300	280	0	0	10	10	58,963	19.23	39,991	38.00	79,035	Postsecondary voc.	
., 20,5	Electronic Equipment Installers and Repairers, Motor	300	200	Ü		10	10	50,705	17.20	57,771	50.00	,,,,,,,,	1 on secondary roe.	
49-2096	Vehicles	130	120	0	0	0	0	37,811	11.22	23,339	24.46	50,882	Postsecondary voc.	
	Electronic Home Entertainment Equipment Installers													
49-2097	and Repairers	430	450	20	0	0	10	31,386	9.35	19,439	20.25	42,123	Postsecondary voc.	
49-2098	Security and Fire Alarm Systems Installers	780	860	80	10	10	20	34,839	11.23	23,357	22.28	46,350	Postsecondary voc.	
49-3011	Aircraft Mechanics and Service Technicians	2,410			20	30		49,905	16.23		31.83		Postsecondary voc.	
49-3021	Automotive Body and Related Repairers	2,140	2,330		20		70	34,332	8.97		24.86		Long-term Tng. & Exp.	Cert. Avail.
49-3022	Automotive Glass Installers and Repairers	410	480	70	10		20	28,445	8.19		19.99		Long-term Tng. & Exp.	
49-3023	Automotive Service Technicians and Mechanics	9,840	11,140	1,300	130	200	330	32,658	8.35	17,369	25.03	52,071	Postsecondary voc.	Cert. Avail.
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3,020	3,270	250	30	70	90	39,406	12.96	26,964	25.89	53,853	Postsecondary voc.	Cert. Avail.
49-3041	Farm Equipment Mechanics	260	260		0			33,864	9.70		23.46		Postsecondary voc.	Cort. 11van.
	1-1													
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	4,500	4,800	300	30	90	120	41,208	13.13	27,304	27.57	57,340	Postsecondary voc.	
49-3043	Rail Car Repairers	440	490	50	10	10	10	45,951	13.87	28,856	30.65	63,748	Long-term Tng. & Exp.	
49-3051	Motorboat Mechanics	280	300		0			29,445	8.37		20.59		Long-term Tng. & Exp.	Cert. Avail.
49-3052	Motorcycle Mechanics	350	370	20	0	10	10	36,009	11.07	23,027	26.90	55,948	Long-term Tng. & Exp.	Cert. Avail.
	Outdoor Power Equipment and Other Small Engine				_									
49-3053 49-3092	Mechanics	250 170	230		0	10	10 10	24,726					Modterm Tng. & Exp.	Cert. Avail.
49-3092	Recreational Vehicle Service Technicians Tire Repairers and Changers	1,480	200 1,730		20	30		36,236 21,998	10.79 7.58		23.99 14.65		Long-term Tng. & Exp. Short-term Tng. & Exp.	
49-3093	Control and Valve Installers and Repairers, Except	1,460	1,730	240	20	50	50	21,996	7.50	13,771	14.05	30,479	Short-term ring, & Exp.	
49-9012	Mechanical Door	740	730	0	0	10	10	47,878	14.54	30,233	31.25	65,002	Modterm Tng. & Exp.	
47-7012	Heating, Air Conditioning, and Refrigeration	740	750	Ü		10	10	47,070	14.54	30,233	31.23	05,002	Modterm ring. & Exp.	
49-9021	Mechanics and Installers	4,480	4,730	250	30	80	100	38,086	12.18	25,338	26.13	54,352	Long-term Tng. & Exp.	Cert. Avail.
49-9031	Home Appliance Repairers	680	710		0	20		33,596	9.78				Long-term Tng. & Exp.	
49-9041	Industrial Machinery Mechanics	6,480	7,700	1,220	120	110	230	45,547	13.92	28,951	31.86	66,261	Long-term Tng. & Exp.	Cert. Avail.
49-9042	Maintenance and Repair Workers, General	28,210	30,070	1,860	190	70	260	33,524	9.10	18,936	24.38	50,706	Long-term Tng. & Exp.	
49-9043	Maintenance Workers, Machinery	3,650	3,820		20	60	80	36,931	10.40				Long-term Tng. & Exp.	
49-9044	Millwrights	1,100	1,150		10		20	43,614	15.02				Long-term Tng. & Exp.	Cert. Avail.
49-9051	Electrical Power-Line Installers and Repairers	2,420	2,520	100	10		90	49,147	14.00		34.47		Long-term Tng. & Exp.	
49-9052	Telecommunications Line Installers and Repairers	2,780	2,900	120	10		80	38,638	10.64		28.95		Long-term Tng. & Exp.	
49-9061	Camera and Photographic Equipment Repairers	100	100	0	0		0	28,630	10.30		17.77		Modterm Tng. & Exp.	
49-9062	Medical Equipment Repairers Precision Instrument and Equipment Repairers, All	350	450	100	10	10	20	43,540	11.05	22,974	30.32	63,058	Modterm Tng. & Exp.	
49-9069	Other	750	720	0	0	20	20	42,290	16.21	33,713	25.43	52,893	Long-term Tng. & Exp.	Lic. Req.
77-7009	Coin, Vending, and Amusement Machine Servicers and	730	720	U		20	20	42,270	10.21	33,713	23.43	32,093	Long-term ring, & Exp.	Lie. Keq.
49-9091	Repairers	1,040	970	0	0	30	30	27,143	7.72	16,067	18.75	39,000	Modterm Tng. & Exp.	
49-9092	Commercial Divers	850	990		10			58,718	17.38		40.48		Postsecondary voc.	
49-9094	Locksmiths and Safe Repairers	410	450	40	0	10	10	31,267	7.93	16,496	23.83	49,575	Modterm Tng. & Exp.	
49-9096	Riggers	2,530	2,500	0	0	20	20	35,924	9.41	19,574	28.21	58,674	Short-term Tng. & Exp.	
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Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	2010 State Annual Avg. Wage - Lowest 10% 11	2010 State Hourly Avg. Wage - Highest $10\%^{12}$	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
49-9098	HelpersInstallation, Maintenance, and Repair Workers Installation, Maintenance, and Repair Workers, All	4,630	4,950	320	30	110	140	24,091	7.29	15,166	17.17	35,715	Short-term Tng. & Exp.	
49-9099	Other First-Line Supervisors/Managers of Production and	3,750	3,900	160	20	20	40	36,426	10.11	21,038	28.66	59,623	Long-term Tng. & Exp.	
51-1011	Operating Workers Aircraft Structure, Surfaces, Rigging, and Systems	9,850	10,020	170	20	170	180	57,144	15.93	33,140	43.09	89,634	Work Exp. in a related occ.	
51-2011	Assemblers	350	400	60	10	10	10	32,593	9.91	20,618	23.77	49,438	Long-term Tng. & Exp.	
51-2021 51-2022	Coil Winders, Tapers, and Finishers	40 420	30 330	0	0	0 10	0 10	29,281 37,378	9.82 10.28	20,430 21,380	18.88 28.67	39,275 59,637	Short-term Tng. & Exp.	
51-2022	Electrical and Electronic Equipment Assemblers Engine and Other Machine Assemblers	420 50	550	10	0	0	10	36,188	11.90	24,754	21.73	45,198	Short-term Tng. & Exp. Short-term Tng. & Exp.	
51-2031	Structural Metal Fabricators and Fitters	2,890	2,920	30	0	50	50	40,063	13.15	27,352	25.91	53,899	Modterm Tng. & Exp.	Cert. Avail.
51-2091	Fiberglass Laminators and Fabricators	300	310	10	0	10	10	28,482	9.94	20,677	17.98	37,402	Modterm Tng. & Exp.	Cort. 11van.
51-2092	Team Assemblers	5,840	5,860	20	0	120	120	29,346	8.56	17,807	21.75	45,237	Modterm Tng. & Exp.	
51-3011	Bakers	1,800	1,990	190	20	40	60	21,767	7.19	14,948	14.63	30,428	Long-term Tng. & Exp.	
51-3021	Butchers and Meat Cutters	2,070	1,990	0	0	70	70	26,726	8.18	17,004	18.33	38,135	Long-term Tng. & Exp.	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	2,030	2,220	190	20	60	80	18,782	6.94	14,435	11.74	24,412	Short-term Tng. & Exp.	
51-3023	Slaughterers and Meat Packers	310	340	40	0	10	10	18,392	6.93	14,414	11.32	23,554	Modterm Tng. & Exp.	
51-3092	Food Batchmakers	830	950	110	10	20	30	21,858	7.06	14,682	16.56	34,440	Short-term Tng. & Exp.	
51-3093	Food Cooking Machine Operators and Tenders Computer-Controlled Machine Tool Operators, Metal	390	410	10	0	20	20	21,442	7.24	15,051	14.69	30,559	Short-term Tng. & Exp.	
51-4011	and Plastic	820	830	10	0	10	10	38,297	12.84	26,709	24.58	51,121	Long-term Tng. & Exp.	
51-4012	Numerical Tool and Process Control Programmers Extruding and Drawing Machine Setters, Operators,	50	50	0	0	0	0	46,563	15.69	32,632	32.23	67,031	Long-term Tng. & Exp.	
51-4021	and Tenders, Metal and Plastic Forging Machine Setters, Operators, and Tenders,	490	520	30	0	10	20	27,626	10.48	21,788	16.63	34,597	Modterm Tng. & Exp.	
51-4022	Metal and Plastic Rolling Machine Setters, Operators, and Tenders, Metal	280	220	0	0	10	10	28,030	8.96	18,642	18.38	38,234	Modterm Tng. & Exp.	
51-4023	and Plastic Cutting, Punching, and Press Machine Setters,	110	130	20	0	0	0	33,532	10.85	22,569	21.43	44,571	Modterm Tng. & Exp.	
51-4031	Operators, and Tenders, Metal and Plastic Drilling and Boring Machine Tool Setters, Operators,	790	750	0	0	20	20	32,171	11.00	22,873	20.27	42,160	Modterm Tng. & Exp.	
51-4032	and Tenders, Metal and Plastic	120	110	0	0	0	0	38,305	12.54	26,087	24.09	50,107	Modterm Tng. & Exp.	
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic Lathe and Turning Machine Tool Setters, Operators,	460	500	40	0	10	10	29,744	8.99	18,708	20.67	42,984	Modterm Tng. & Exp.	
51-4034	and Tenders, Metal and Plastic Milling and Planing Machine Setters, Operators, and	210	210	0	0	0	0	35,505	11.30	23,508	22.62	47,056	Modterm Tng. & Exp.	
51-4035	Tenders, Metal and Plastic	140	150	0	0	0	0	38,438	11.80	24,537	26.29	54,682	Modterm Tng. & Exp.	
51-4041	Machinists	6,960	7,520	560	60	110	160	40,654	12.92		27.61	57,419	Long-term Tng. & Exp.	
51-4071	Foundry Mold and Coremakers Molding, Coremaking, and Casting Machine Setters,	100	130	30	0	0	10	20,802	7.09	14,737	13.18	27,424	Modterm Tng. & Exp.	
51-4072	Operators, and Tenders, Metal and Plastic Multiple Machine Tool Setters, Operators, and Tenders,	500	530	30	0	10	20	26,248	8.47	17,608	18.43	38,334	Modterm Tng. & Exp.	
51-4081	Metal and Plastic	320	380	60	10	10	10	29,551	7.52	15,640	21.99	45,733	Modterm Tng. & Exp.	
51-4111	Tool and Die Makers	200	200	0	0	0	0	50,340	16.26	33,817	35.95	74,773	Long-term Tng. & Exp.	
51-4121	Welders, Cutters, Solderers, and Brazers Welding, Soldering, and Brazing Machine Setters,	16,340	18,050	1,710	170	350	520	40,790	12.95	26,928	27.14	56,443	Postsecondary voc.	Cert. Avail.
51-4122	Operators, and Tenders Heat Treating Equipment Setters, Operators, and	820	950	120	10	20	30	33,153	9.48	19,712	22.20	46,168	Modterm Tng. & Exp.	
51-4191	Tenders, Metal and Plastic	140	150	10	0	0	0	33,320	10.82		23.11	48,073	Modterm Tng. & Exp.	
51-4192	Lay-Out Workers, Metal and Plastic Plating and Coating Machine Setters, Operators, and	230	180	0	0	0	0	38,154	12.24	25,456	23.91	49,741	Modterm Tng. & Exp.	
51-4193	Tenders, Metal and Plastic	140	160	20	0	0	10	25,944	9.37	19,484	18.68	38,860	Modterm Tng. & Exp.	
	Tool Grinders, Filers, and Sharpeners	140	130	0	0	0	0	34,782		19,838	22.66		Modterm Tng. & Exp.	
51-4199	Metal Workers and Plastic Workers, All Other	1,030	940	0	0	20	20	32,287	8.39	17,443	25.70		Modterm Tng. & Exp.	
51-5011	Bindery Workers	280	190	0	0	0	0	23,029	7.13	14,839	17.49	36,385	Modterm Tng. & Exp.	
51-5021 51-5022	Job Printers Prepress Technicians and Workers	370 360	310 280	0	0	10	0 10	29,799 30,018	9.08 9.46	18,881 19,676	20.73 20.13	43,115 41,872	Long-term Tng. & Exp. Long-term Tng. & Exp.	
51-5022	Printing Machine Operators	1,820	1,670	0	0	40	10 40	28,256	8.12		20.13		Modterm Tng. & Exp.	
51-6011	Laundry and Dry-Cleaning Workers	4,690	5,190	500	50	110	160	18,112		14,319	11.26	23,411	Modterm Tng. & Exp.	
51-6021	Pressers, Textile, Garment, and Related Materials	830	800	0.	0	10	10	19,246	7.23	15,046	11.94	24,839	Short-term Tng. & Exp.	
51-6031	Sewing Machine Operators	840	710	0	0	10	10	19,738	7.08	14,736	12.15	25,280	Modterm Tng. & Exp.	
51-6041	Shoe and Leather Workers and Repairers	20	30	0	0	0	0	25,422	9.54	19,841	16.00	33,276	Long-term Tng. & Exp.	
51-6052	Tailors, Dressmakers, and Custom Sewers	810	800	0	0	10	10		7.43	15,460	13.88	28,871	Work Exp. in a related occ.	

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Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	2010 State Annual Avg. Wage - Lowest 10% ¹¹	2010 State Hourly Avg. Wage Highest 10 % 12	2010 State Annual Avg. Wage - Highest 10% 13	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
	Textile Cutting Machine Setters, Operators, and									II.	II.			
51-6062	Tenders	30	20	0	0	0	0	23,713	7.83	16,286	16.24	33,770	Modterm Tng. & Exp.	
	Textile Knitting and Weaving Machine Setters,													
51-6063	Operators, and Tenders	40	40	0	0	0	0	18,047	6.90	14,347	12.12	25,202	Long-term Tng. & Exp.	
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	60	0	0	0		28,987	8.07	16,792	19.54	40,653	Modterm Tng. & Exp.	
51-6092	Fabric and Apparel Patternmakers	50	40		ő	0		24,385	8.25				Long-term Tng. & Exp.	
51-7011	Cabinetmakers and Bench Carpenters	660	740		10	20	30	28,230					Long-term Tng. & Exp.	
51-7021	Furniture Finishers	100	100	0	0	0	0	26,707	10.12	21,049	16.16	33,603	Long-term Tng. & Exp.	
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood Woodworking Machine Setters, Operators, and Tenders,	960	960	0	0	20	20	28,123	9.14	19,018	17.77	36,958	Modterm Tng. & Exp.	
51-7042	Except Sawing	480	530	50	10	10	20	31,417	9.56	19,890	19.51	40,591	Modterm Tng. & Exp.	
51-7099	Woodworkers, All Other	120	120		0	0	-	27,275	8.21		22.41		Modterm Tng. & Exp.	
	Power Distributors and Dispatchers	100	100		0	0	-	58,281	17.05		40.57		Long-term Tng. & Exp.	
51-8013 51-8021	Power Plant Operators Stationary Engineers and Boiler Operators	190 680	190 710		0	10 10		47,815 42,129	15.38 13.42		34.78 30.53		Long-term Tng. & Exp. Long-term Tng. & Exp.	
31-8021	Water and Liquid Waste Treatment Plant and System	080	/10	30	U	10	20	42,129	13.42	27,904	30.33	05,507	Long-term ring. & Exp.	
51-8031	Operators	2,080	2,350	270	30	40	60	29,751	9.62	20,019	19.76	41,104	Long-term Tng. & Exp.	Lic. Req.
51-8091	Chemical Plant and System Operators	3,760	3,410		0	100		59,714			36.15		Long-term Tng. & Exp.	Cert. Avail.
51-8092	Gas Plant Operators	580	520	0	0	20	20	55,468	20.15	41,906	31.69	65,911	Long-term Tng. & Exp.	Lic. Req.
51 0002	Petroleum Pump System Operators, Refinery Operators,	6.260	6.610	250	20	100	200	50.012	10.21	20.050	20.50	00.262	I 1 T 6 F	
51-8093 51-8099	and Gaugers Plant and System Operators, All Other	6,360 1,250	6,610 1,390	250 140	30 10	180 40	200 50	58,912 45,817	19.21 11.41		38.59 32.73		Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Chemical Equipment Operators and Tenders	2,080	2,130		0			48,863	15.23		31.08		Modterm Tng. & Exp.	Cert. Avail.
	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	680	690	10	0			36,690	11.18				Modterm Tng. & Exp.	
51.0021	Crushing, Grinding, and Polishing Machine Setters,	500	540					26.020	10.50	22.200	25.52	55 600	74.1. T. 0.T.	
	Operators, and Tenders Grinding and Polishing Workers, Hand	590 200	540 200		0	10 0		36,028 27,747	10.72 10.35		27.73 17.76		Modterm Tng. & Exp. Modterm Tng. & Exp.	
31-9022	Mixing and Blending Machine Setters, Operators, and	200	200	U	U	U	U	21,141	10.55	21,332	17.70	30,933	Modterm 1 ng. & Exp.	
51-9023	Tenders	750	730	0	0	10	10	38,442	9.93	20,664	34.36	71,464	Modterm Tng. & Exp.	
51-9031	Cutters and Trimmers, Hand	40	40	10	0	0	0	25,754	8.50	17,678	19.26	40,068	Short-term Tng. & Exp.	
	Cutting and Slicing Machine Setters, Operators, and													
51-9032	Tenders	290	290	0	0	0	0	34,551	8.93	18,566	24.09	50,108	Modterm Tng. & Exp.	
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders Furnace, Kiln, Oven, Drier, and Kettle Operators and	470	470	0	0	10	10	25,391	8.37	17,400	15.84	32,944	Modterm Tng. & Exp.	
51-9051	Tenders	260	260	0	0	10	10	34,081	9.24	19,214	24.36	50,662	Modterm Tng. & Exp.	
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,600	8,000	400		110		40,431	10.81		30.87		Modterm Tng. & Exp.	Lic. Req.
51-9071	Jewelers and Precious Stone and Metal Workers	1,230	1,120	0	0	20		30,983	9.27		23.31	48,492	Postsecondary voc.	
51-9081 51-9082	Dental Laboratory Technicians Medical Appliance Technicians	740 80	850 100		10	10		28,791 37,872	8.48 11.43		19.85 23.52		Long-term Tng. & Exp. Long-term Tng. & Exp.	
51-9082	Ophthalmic Laboratory Technicians	420	470		0	10		25,752			16.23			
	Packaging and Filling Machine Operators and Tenders	2,100	1,950		0	40		27,579	8.05		19.35		Short-term Tng. & Exp.	
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	750	740	0	0	20	20	33,270	11.02	22,918	21.58	44,881	Modterm Tng. & Exp.	
	Painters, Transportation Equipment	880	860		0	20		38,652	12.90		25.68		Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Photographic Process Workers	250	160		ő			18,966	7.34		11.81		Modterm Tng. & Exp.	
	Photographic Processing Machine Operators	620	320		0			22,381	7.47				Short-term Tng. & Exp.	
51-9191	Cementing and Gluing Machine Operators and Tenders Cleaning, Washing, and Metal Pickling Equipment	150	170	20	0	0	10	31,525	9.59	19,939	22.06	45,885	Modterm Tng. & Exp.	
51-9192	Operators and Tenders	110	110	0	0	0	n	23,818	8.29	17,244	15.94	33,153	Modterm Tng. & Exp.	
51-9194	Etchers and Engravers Molders, Shapers, and Casters, Except Metal and	110	100	0	0	0	0	20,809	7.13	14,821	12.55	26,105	Long-term Tng. & Exp.	
	Plastic	530			0	10		29,563			20.26			
	Paper Goods Machine Setters, Operators, and Tenders	770 7,910	740 8,110		0 20	20 190		37,644 25,052					Modterm Tng. & Exp.	
	HelpersProduction Workers Production Workers, All Other	8,030	7,920		0						24.69		Short-term Tng. & Exp. Modterm Tng. & Exp.	
53-1011	Aircraft Cargo Handling Supervisors	60			0	0		50,486			35.48		Work Exp. in a related occ.	
	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	2,960	3,200	250		60			13.71		30.37		Work Exp. in a related occ.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State Annual Average Wage ⁹	2010 State Hourly Avg. Wage - Lowest 10% ¹⁰	Annual	2010 State Hourly Avg. Wage - Highest 10% 12	2010 State Annual Avg. Wage - Highest 10% ¹³	Most Significant Source of Education or Training ¹⁴	Occupational License Required ¹⁵
	First-Line Supervisors/Managers of Transportation and													
52 1021		2 120	2 400	200	20		00	52.202	14.04	20.102	20.14	70.222	W. J. Feet St. and and a second	
53-1031 53-2011	Material-Moving Machine and Vehicle Operators	3,120 130	3,400 140	280	30	60	90 10	52,393 87,256	14.04 NA		38.14 NA	79,333 113,867	Work Exp. in a related occ.	Lie Dee
53-2011	Airline Pilots, Copilots, and Flight Engineers Commercial Pilots	1,720	1,760	10	0	50	50	68,393	NA NA		NA NA	101,791	Bachelor's degree Postsecondary voc.	Lic. Req.
53-2012	Air Traffic Controllers	230	290	60	10	10	10	74,707	19.39		55.23	114,884	Long-term Tng. & Exp.	
53-2021	Airfield Operations Specialists	70	70	00	0	0	10	45,536			32.98	68,600	Short-term Tng. & Exp.	
33-2022	Ambulance Drivers and Attendants, Except Emergency	70	70	Ü	0	· ·	Ü	45,550	12.00	20,577	32.70	00,000	Short-term ring. & Exp.	
53-3011	Medical Technicians	290	340	60	10	0	10	23,511	7.43	15,444	16.21	33,708	Modterm Tng. & Exp.	
53-3021	Bus Drivers, Transit and Intercity	1,010	1.090	90	10	10	20	30,475			20.55	42,735	Modterm Tng. & Exp.	
53-3022	Bus Drivers, School	9,440	10,000	550	60	120	180	18,608	6.95		11.45	23,818	Short-term Tng. & Exp.	
53-3031	Driver/Sales Workers	4,770	4,630	0	0	90	90	28,790			22.05	45,874	Short-term Tng. & Exp.	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	27,250	29,420	2,160	220	480	700	35,203	10.98	22,841	25.84	53,740	Modterm Tng. & Exp.	Lic. Req.
53-3033	Truck Drivers, Light or Delivery Services	17,250	18,630	1,380	140	310	440	28,162	7.60	15,812	22.47	46,737	Short-term Tng. & Exp.	-
53-3041	Taxi Drivers and Chauffeurs	2,530	2,790	260	30	30	60	22,321	6.97	14,508	17.22	35,817	Short-term Tng. & Exp.	
53-3099	Motor Vehicle Operators, All Other	200	220	20	0	0	10	26,141	6.92	14,392	21.60	44,927	Short-term Tng. & Exp.	
53-4021	Railroad Brake, Signal, and Switch Operators	850	830	0	0	30	30	53,391	14.61	30,379	38.24	79,538	Work Exp. in a related occ.	
53-4031	Railroad Conductors and Yardmasters	650	770	110	10	30	40	55,237	14.72		40.75	84,761	Work Exp. in a related occ.	
53-5011	Sailors and Marine Oilers	8,320	9,700	1,380	140	300	430	38,034	10.57		27.52	57,233	Short-term Tng. & Exp.	Lic. Req.
53-5021	Captains, Mates, and Pilots of Water Vessels	8,520	10,000	1,490	150	220	370	73,698	17.58		53.88	112,067	Work Exp. in a related occ.	Lic. Req.
53-5022	Motorboat Operators	290	310	10	0	10	10	42,565			29.18	60,691	Short-term Tng. & Exp.	
53-5031	Ship Engineers	1,650	1,890	240	20	40	70	64,227	14.69		47.26	98,291	Postsecondary voc.	
53-6011	Bridge and Lock Tenders	420	410	0	0	10	10	33,744	10.81	22,479	21.65	45,024	Short-term Tng. & Exp.	
53-6021	Parking Lot Attendants	2,140	2,280	140	10	60	70	17,594	6.84	14,226	11.10	23,096	Short-term Tng. & Exp.	
53-6031	Service Station Attendants	770	910	140	10	40	50	20,300	7.26		13.38	27,821	Short-term Tng. & Exp.	
53-6041	Traffic Technicians	110	120	10	0	0	0	30,911	10.74	,	20.25	42,119	Short-term Tng. & Exp.	
53-6051	Transportation Inspectors	320	370	40	0	10	20	69,054	16.58		50.50	105,042	Work Exp. in a related occ.	Lic. Req.
53-6099	Transportation Workers, All Other	220 780	250 750	20	0	0 10	10	40,603	9.14 9.69		39.22 22.69	81,573	Short-term Tng. & Exp.	
53-7011 53-7021	Conveyor Operators and Tenders	2,350	2,510	160	20	40	10 60	32,510 44,638	14.04		29.52	47,201 61,394	Short-term Tng. & Exp.	Cert. Avail.
53-7021	Crane and Tower Operators Dredge Operators	2,330	2,510	100	0	0	00	38,173			24.90	51,800	Modterm Tng. & Exp. Short-term Tng. & Exp.	Cert. Avaii.
33-7031	Excavating and Loading Machine and Dragline	140	110	U	U	U	U	36,173	11.16	23,243	24.90	31,800	Short-term ring. & Exp.	
53-7032	Operators	2,070	2,170	100	10	30	40	33,639	12.19	25,362	21.11	43,915	Modterm Tng. & Exp.	
53-7051	Industrial Truck and Tractor Operators	7,230	6,800	100	0	180	180	30,788	9.94		20.87	43,405	Short-term Tng. & Exp.	
53-7051		4,580	5,120	540	50	180	230	20,520			14.95	31,088	Short-term Tng. & Exp.	
55 7001	Laborers and Freight, Stock, and Material Movers,	1,500	3,120	5.0	50	100	250	20,520	0.77	11,122	11.55	51,000	Short term ring, to Exp.	
53-7062		47,450	46,490	0	0	1,520	1,520	22,623	7.23	15,048	15.74	32,746	Short-term Tng. & Exp.	
53-7063	Machine Feeders and Offbearers	1,560	1,390	0	0	30	30	26,453	7.46		18.26	37,988	Short-term Tng. & Exp.	
53-7064	Packers and Packagers, Hand	4,650	3,910	0	0	60	60	21,823	6.92		16.74	34,826	Short-term Tng. & Exp.	
53-7071	Gas Compressor and Gas Pumping Station Operators	90	90	0	0	0	0	50,986	14.91	31,003	31.92	66,391	Modterm Tng. & Exp.	
53-7072	Pump Operators, Except Wellhead Pumpers	910	800	0	0	40	40	46,481	15.43		28.70	59,700	Modterm Tng. & Exp.	
53-7073	Wellhead Pumpers	2,850	2,960	120	10	110	130	37,100	12.77	26,567	24.06	50,055	Modterm Tng. & Exp.	
53-7081	Refuse and Recyclable Material Collectors	1,560	1,530	0	0	40	40	24,623	7.47	15,546	17.37	36,135	Short-term Tng. & Exp.	
53-7121	Tank Car, Truck, and Ship Loaders	760	770	20	0	10	20	42,667	12.97	26,987	28.69	59,668	Modterm Tng. & Exp.	
53-7199	Material Moving Workers, All Other	1,140	1,100	0	0	20	20	35,291	9.71	20,192	28.26	58,791	Short-term Tng. & Exp.	

Revised 2011

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 State	2010 State Hourly Avg. Wage - Lowest 10% 10
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¹ Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks.

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingquide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

² Title of the occupation.

 $^{^3}$ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴ 2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

⁷ Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

^{9 2010} Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

¹³ Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁵ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

New Orleans-SE-Regional Labor Market Area 1 Projections for Occupations to 2018 (by SOC)

RLMA 1: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John St. Tammany

New Orleans - Southeast - Regional Labor Market Area 1 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011

Regional Labor Market Area 1: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, & St. Tammany

		Regional	Labor Mar	ket Area I	: Jefferson	ı, Orleans, I	Plaquemines, 2	St. Bernard, S	st. Charles,	St. James, St.	John the Bo	iptist, & St. Tan	ımany		
Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Total, All Occupations	560,210	580,070	37,690	3,770	12,990	16,760								
	Chief Executives	390	350	0	0	10	10	\$158,025	\$44.91	\$93,412		>\$166,400		Wk Exp.+ Bachelor's or higher degree	
	General and Operations Managers	9,560	8,910	0	0	230	230	103,569	20.96	43,595	>80.00	>166,400	97,474		
	Legislators	170	160	0	0	0	0	22,131	NA	14,376	NA	32,011	18,485	Wk Exp.+ Bachelor's or higher degree	
	Advertising and Promotions Managers	160	170	0	0	0	0	73,852	16.90	35,151	67.01	139,383	62,413		
	Marketing Managers	260	280	20	0	10	10	76,280	20.06	41,716	64.90	134,986	78,159		
	Sales Managers Public Relations Managers	1,480 110	1,540 110	60 10	10	30 0	40	75,349 67,456	16.56 19.73	34,454 41,030	65.40 45.04	136,030 93,680	81,013	Wk Exp.+ Bachelor's or higher degree Wk Exp.+ Bachelor's or higher degree	
	Administrative Services Managers	790	830	40	0	20	30	60,470	15.04	31,283	45.82	95,316	61,416		
	Computer and Information Systems Managers	590	670	80	10	10	20	79,908	19.94	41,475	58.36	121,386	81,363		Cert. Avail.
	Financial Managers	1,680	1,730	50	10	30	30	78,922	20.10	41,817	57.36	119,306	80,889		Cert. Avaii.
	Compensation and Benefits Managers	120	130	10	0	0	0	75,824	20.38	42,381	50.80	105,669	72,420		
	Training and Development Managers	80	80	0	0	0	0	67,402	20.79	43,237	45.49	94,614	66,616		
	Human Resources Managers, All Other	250	260	10	0	10	10	74,025	23.00	47,847	50.16	104,325	72,353		
	Industrial Production Managers	460	370	0	0	20	20	89,151	25.15	52,321	69.11	143,740	92,332	Bachelor's degree	
11-3061	Purchasing Managers	390	330	0	0	10	10	61,537	20.67	43,004	40.02	83,250	65,759		
	Transportation, Storage, and Distribution Managers Construction Managers Education Administrators, Preschool and Child	390 1,470	400 1,400	10 0	0	10 20	10 20	67,328 67,655	18.69 20.24	38,881 42,106	51.43 48.52	106,976 100,915	66,553 70,313	Work Exp. in a related occ. Bachelor's degree	Lic. Req.
11-9031	Care Center/Program Education Administrators, Elementary and	50	50	0	0	0	0	45,346	16.85	35,056	28.50	59,273	34,475	Wk Exp.+ Bachelor's or higher degree	
11-9032	Secondary School	750	820	60	10	20	30	72,175	NA	52,330	NA	92,112	67,394	Wk Exp.+ Bachelor's or higher degree	
11-9033	Education Administrators, Postsecondary	730	840	110	10	20	30	100,858	27.54	57,280	>80.00	>166,400	93,840	Wk Exp.+ Bachelor's or higher degree	
	Education Administrators, All Other	250	300	40	0	10	10	73,592	17.03	35,418	61.50	127,918	77,637	Wk Exp.+ Bachelor's or higher degree	
	Engineering Managers	710	680	0	0	10	10	111,951	31.34	65,179	75.78	157,628	111,140		
	Food Service Managers	1,130	1,210	80	10	30	40	48,071	13.52	28,126	31.93	66,409	46,814	Work Exp. in a related occ.	
	Funeral Directors	50	50	0	0	0	0	54,188	14.55	30,254	59.80	124,387	52,034	Associate degree	Lic. Req.
	Lodging Managers	410	490	90	10	10	20	51,358	13.69	28,484	40.61	84,462	47,628	Work Exp. in a related occ.	Cert. Avail.
	Medical and Health Services Managers	770	890	120	10	10	30	88,384	26.40	54,910		130,521	75,836		Lic. Req.
	Natural Sciences Managers Property, Real Estate, and Community Association	70	80	10	0	0	0	102,936	33.01	68,653	66.74	138,827	93,246		
	Managers	2,280	2,320	40	0	30	40	47,044	8.93	18,566	40.25	83,726	41,840	Bachelor's degree	
	Social and Community Service Managers	400	450	40	0	10	10	62,997	17.14	35,649	43.38	90,228	59,751	Bachelor's degree	
11-9199	Managers, All Other	5,180	5,490	310	30	100	130	78,605	20.90	43,482	61.35	127,616	74,224	Work Exp. in a related occ.	
13-1021	Purchasing Agents and Buyers, Farm Products Wholesale and Retail Buyers, Except Farm	30	30	0	0	0	0	45,582	15.70	32,666	31.55	65,622	42,559	Work Exp. in a related occ.	Lic. Req.
13-1022	Products Purchasing Agents, Except Wholesale, Retail, and	350	320	0	0	10	10	46,447	14.14	29,419	32.37	67,323	47,545	Bachelor's degree	
13-1023	Farm Products	900	890	0	0	20	20	50,818	14.07	29,267	38.54	80,167	49,682	Bachelor's degree	
13-1031	Claims Adjusters, Examiners, and Investigators	1,550	1,560	10	0	40	40	56,042	16.77	34,891	38.72	80,544	63,799	Long-term Tng. & Exp.	
12 1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1.420	1,520	90	10	20	30	50,465	15.94	33,156	35.99	74,855	50.085	Long-term Tng. & Exp.	
	Construction, Health and Safety, and Transportation Cost Estimators	720	780	60	10	20	20	53,834	15.94	32,982	35.99 41.08	74,855 85,441	56,845	Bachelor's degree	
	Employment, Recruitment, and Placement			-						. ,				· ·	
	Specialists	470 230	450	0 40	0	10	10 10	43,185	13.20	27,466	29.84	62,066	43,648	Bachelor's degree	
	Compensation, Benefits, and Job Analysis		270	40 30	0	10		45,951	14.55 13.35	30,266	31.59	65,697	47,625	Bachelor's degree	
	Training and Development Specialists Human Resources, Training, and Labor Relations	510	540			10	10	48,657		27,760	36.67	76,266	45,825	Bachelor's degree	
	Specialists, All Other	670	760	90	10	10	20	54,433	15.61	32,462	42.92	89,268	51,804	Bachelor's degree	
	Logisticians	170	180	20	0	0	10	64,382	20.31	42,243	47.55	98,913	62,453	Bachelor's degree	
	Management Analysts	980	1,050	70	10	20	20	65,474	18.74	38,979	44.10	91,731	69,328		
	Meeting and Convention Planners Business Operations Specialists, All Other	140 3,570	170 4,120	30 550	60	40	10 90	40,640 58,443	11.17 14.80	23,238 30,784	27.83 44.43	57,893 92,418	40,199 55,418	Bachelor's degree	
	Accountants and Auditors	4,330	4,120	380	40	80	110	56,077	16.59	34,505	44.43	92,418 84,585	55,095	Bachelor's degree Bachelor's degree	Lic. Req.
	Appraisers and Assessors of Real Estate	340	350	10	-0	10	10	43,254	8.49	17,652	35.15	73,108	45,151	Postsecondary voc.	Lie. Req.
	Budget Analysts	160	170	10	0	0	10	58,530	18.86	39,224	40.65	84,558	56,659	Bachelor's degree	
		-00	270	10			10	,		,		,	,,		

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Credit Analysts	120	110	0	0	10	10	56,960	16.74	34,818	44.82		55,656		
	Financial Analysts Personal Financial Advisors	330 410	360 470	30 60	0 10	0	10 10	67,703 43,686	19.19 11.82	39,905 24,585	49.70 40.24			Bachelor's degree Bachelor's degree	
	Insurance Underwriters	260	250	00	0	10	10	46,954	14.75	30,689	37.44				
	Financial Examiners	60	60	0	0	0	0	81,832	20.88	43,424	61.32	127,538			
	Loan Counselors	250	250	0	0	0	0	42,787	13.84	28,796	29.30		42,428		
13-2072	Loan Officers	1,050	1,040	0	0	10	10	48,939	14.17	29,480	35.58	74,009	47,436	Bachelor's degree	
	Tax Examiners, Collectors, and Revenue Agents	140	160	10	0	0	10	60,564	11.97	24,888	47.11	97,985			
	Tax Preparers	340	290	0	0	10	10	34,255	8.94	18,599	26.70				
	Financial Specialists, All Other Computer Programmers	560 1,170	570 1,130	10	0	20 20	20 20	54,394 51,311	13.55 13.46	28,174 27,988	41.98 39.37	87,326 81,884		Bachelor's degree Bachelor's degree	Cert. Avail.
	Computer Software Engineers, Applications	450	580	130	10		20	80,921	23.28	48,413	57.82		70,026		Cert. Avail.
15-1032	Computer Software Engineers, Systems Software	310	380	70	10	10	10	75,040	23.72	49,347	50.99	106,063	76,022	Bachelor's degree	
	Computer Support Specialists	1,380	1,580	200	20		60	44,305	13.69	28,474	29.83				Cert. Avail.
	Computer Systems Analysts	810	1,000	190	20		40	55,941	16.29	33,886	41.10				Cert. Avail.
15-1061	Database Administrators	220	260	40	0	0	10	64,945	20.73	43,113	45.42	94,465	61,534	Bachelor's degree	
	Network and Computer Systems Administrators Network Systems and Data Communications	450	560	110	10		20	58,515	19.63	40,830	39.77	82,732		, and the second	Cert. Avail.
15-1081		440	640	210	20		30	55,475	15.91	33,090	37.91	78,850			
	Computer Specialists, All Other Operations Research Analysts	830 40	860 40	30	0	20 0	30	81,599 58,627	26.79 14.34	55,717 29,829	54.18 43.58				
	Statisticians	30	30	0	0	0	0	73,354	20.66	42,969	51.46				
	Architects, Except Landscape and Naval	420	460	40	0	10	10	68,065	17.65	36,715	52.81	109,843			Lic. Req.
	Surveyors	340	350	20	0	10	10	58,985	12.70	26,417	40.01	83,227			Lic. Req.
17-2011	Aerospace Engineers	130	90	0	0	0	0	84,359	26.05	54,182	59.91	124,605	86,008	Bachelor's degree	
	Chemical Engineers	370	380	10	0	10	10	98,246	29.28	60,899	68.21	141,875			Lic. Req.
	Civil Engineers	970 30	1,030	60	10	30 0	30	78,924	23.21	48,275	55.25				Lic. Req.
	Computer Hardware Engineers Electrical Engineers	280	290	10	0		10	96,719 87,773	30.01 29.80	62,414 61,988	72.91 58.06	151,661 120,763	75,965 86,049		Lic. Req.
	Electronics Engineers, Except Computer	150	140	0	0	0	0	81,371	26.49	55,095	54.71	113,788			Lic. Req.
17-2081	Environmental Engineers Health and Safety Engineers, Except Mining Safety	70	70	0	0	0	0	70,599	21.60	44,922	47.67	99,162	73,098	Bachelor's degree	Lic. Req.
	Engineers and Inspectors	190	150	0	0		10	59,793	15.95	33,172	48.43				
	Industrial Engineers	580	570	0	0	10	10	63,366	14.55	30,271	51.32				Lic. Req.
	Marine Engineers and Naval Architects Materials Engineers	130 50	140 30	10	0	0	0	79,559 111,703	24.01 34.21	49,950 71,158	54.58 >80.00				Lic. Reg.
	Mechanical Engineers	450	460	10	0	10	10	81,224	26.15	54,385	56.33				Lic. Req.
	Petroleum Engineers	1.050	1.070	20	0		30	101,761	30.44	63,308	72.49				Lic. Req.
17-2199	Engineers, All Other	1,490	1,520	30	0	20	20	80,334	18.70	38,897	64.94	135,079	79,411	Bachelor's degree	Lic. Req.
	Architectural and Civil Drafters	340	340	0	0	10	10	46,080	16.13	33,543	29.19			Postsecondary voc.	Cert. Avail.
	Electrical and Electronics Drafters	190	190	0	0	10	10	55,291	17.92	37,279	35.67	74,199			Cert. Avail.
	Drafters, All Other Civil Engineering Technicians	570 280	650 290	70 10	10 0		20 10	54,953 47,952	17.02 13.33	35,396 27,730	39.08 34.34	81,280 71,423			
	Electrical and Electronic Engineering Technicians	610		0	0		10	53,528	16.04	33,359	34.59				Lic. Req.
	Electro-Mechanical Technicians	40	20	0	0	0	0	58,166	25.47	52,980	31.61	65,741			
	Environmental Engineering Technicians Mechanical Engineering Technicians Engineering Technicians, Except Drafters, All	40 170		10 20	0	0	10	37,233 58,712	13.66 14.78	28,407 30,751	22.33 41.46	46,440 86227	42,189 54,239		Lic. Req
17-3029		520	570	50	10	10	20	62,600	20.98	43,642	40.61	84,471	58,539	Associate degree	
	Surveying and Mapping Technicians	170	200	30	0	0	10	40,711	12.63	26,265	29.67	61,711	32,466		
19-1029	Biological Scientists, All Other	140	160	10	0	0	0	67,747	20.47	42,575	44.60			Doctoral degree	
	Medical Scientists, Except Epidemiologists	40		10	0	0	0	88,059	20.33	42,289	60.73				
	Atmospheric and Space Scientists	30		0	0	0	0	83,533	23.67	49,237	59.33				
	Chemists Environmental Scientists and Specialists, Including Health	590 160	620 180	30 20	0	20	20 10	64,737 66,315	15.42 20.84	32,075 43,340	48.96 50.20		67,084 59,260	_	
	Geoscientists, Except Hydrologists and													, and the second	
19-2042	Geographers	210	190 40	0	0	10 0	10	95,156 69,980	29.30 20.61	60,937 42,877	62.36 54.43			Bachelor's degree Bachelor's degree	
19-2099	Physical Scientists, All Other Economists	30 20		0	0		0	87,395	29.19	60,707	54.88				

New Orleans-SE-Regional Labor Market Area 1 Projections for Occupations to 2018 (by SOC)

(by SOC)
RLMA 1: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John St. Tammany

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
19-3031	Clinical, Counseling, and School Psychologists	140	150	20	0	0	0	65,306	18.69	38,875	47.59	98,981	73,106	Master's degree	
	Psychologists, All Other	60	60	10	0	0	0	79,471	21.49	44,696	54.14	112,619	82,230	Master's degree	Lic. Req.
	Urban and Regional Planners	130	140	10	0	0	10	46,136	15.18	31,582	35.07	72,954	50,619	Master's degree	
19-3099	Social Scientists and Related Workers, All Other	70	70	0	0	0	0	73,957	24.45	50,852	50.70	105,453	64,241	Master's degree	
	Biological Technicians	210	240	30	0	10	10	33,236	9.48	19,726	26.02	54,111	33,063	Associate degree	
19-4031	Chemical Technicians	410	440	30	0	10	20	53,217	15.43	32,084	36.51	75,932	52,335	Associate degree	
19-4041	Geological and Petroleum Technicians Environmental Science and Protection Technicians,	540	410	0	0	20	20	62,630	20.82	43,295	39.92	83,029	59,532	Associate degree	
19-4091	Including Health Life, Physical, and Social Science Technicians, All	160	220	60	10	10	10	43,775	13.25	27,566	31.37	65,259	48,168	Associate degree	Lic. Req.
19-4099	Other	50	50	0	0	0	0	41,631	10.29	21,409	32.19	66,954	40,150	Associate degree	
21-1011	Substance Abuse and Behavioral Disorder Counselors	380	450	70	10	10	20	53,854	15.33	31,885	37.51	78,029	40,858	Master's degree	Lic. Req.
21-1012	Educational, Vocational, and School Counselors	1,380	1,570	190	20	30	50	47,697	11.03	22,953	31.92	66,384	50,457	Bachelor's degree	
	Mental Health Counselors	750	860	100	10	20	30	29,163	8.45		19.67	40,910		Master's degree	Lic. Req.
21-1015	Rehabilitation Counselors	190	220	30	0	0	10	32,219	7.32	15,232	27.19	56,555	31,484	Master's degree	Lic. Req.
21-1021	Child, Family, and School Social Workers	770	850	90	10	20	30	47,858	13.48	28,048	35.28	73372	49,001	Bachelor's degree	Lic. Req.
	Medical and Public Health Social Workers	350	450	100	10	10	20	52,724	16.98	35,309	40.96	85,198	44,707	Bachelor's degree	Lic. Req.
	Mental Health and Substance Abuse Social	270	310	30	0	10	10	43,067	13.08	27,214	28.98	60,272		Master's degree	
	Social Workers, All Other	330	360	40	0	10	10	52,303	14.15	29,437	35.32	73,455	54,231	Bachelor's degree	
	Health Educators	140	170	30	0	0	10	49,108	15.91	33,092	34.77	72331	45,776	Master's degree	
21-1093	Social and Human Service Assistants Community and Social Service Specialists, All	1,070	1,280	210	20	10	30	35,186	9.25	19,249	27.08	56320	32,052	Modterm Tng. & Exp.	
21-1099		740	890	160	20	10	30	32,733	8.36	17,397	26.45	55,008	33,276	Bachelor's degree	
21-2011		120	150	30	0	0	10	39,800	13.21	27,467	26.24	54,587	41,501	Master's degree	
23-1011		4,570	4,780	210	20	90	110	106,352	24.10	50,120	>80.00	>166,400	94,625	First professional degree	Lic. Req.
	Judges, Magistrate Judges, and Magistrates	40	50	200	0	0	0	81,923	15.33	31,890	55.34 30.88	115,105	58,828		
	Paralegals and Legal Assistants Court Reporters	1,800 130	2,100 150	300 20	30 0	20 0	50	45,508 44,087	14.29 16.23	29,721 33,768	26.89	64,223 55,938	42,640 37,651	Associate degree Postsecondary voc.	Lic. Req.
	Law Clerks	130	120	20	0	0	0	37,963	12.04	25,053	27.29	56,763	34,202	Bachelor's degree	Lic. Keq.
	Legal Support Workers, All Other	150	160	10	0	0	0	46,789	15.99	33,263	28.66	59,609	40,998	Modterm Tng. & Exp.	
	Business Teachers, Postsecondary	50	70	10	0	0	0	44,295	NA	27,165	NA	62,793	57,133	Doctoral degree	
	Computer Science Teachers, Postsecondary	50	70	10	0	0	0	56,765	NA	27,874	NA	99,678	62,186	Doctoral degree	
25-1022	Mathematical Science Teachers, Postsecondary	60	80	20	0	0	0	49,422	NA	27,239	NA	77,182	52,868	Doctoral degree	
	Engineering Teachers, Postsecondary	50	60	10	0	0	0	71,646	NA	55,217	NA	97386	85,243	Doctoral degree	
	Biological Science Teachers, Postsecondary	70	80	20	0	0	0	57,749	NA	44,062	NA	81,123	53,082	Doctoral degree	
	Chemistry Teachers, Postsecondary	30	40	10	0	0	0	61,699	NA	29,007	NA	84,260	65,701	Doctoral degree	
	Economics Teachers, Postsecondary	20	30	10	0	0	0	48,418	NA	26,766	NA	83,385	66,333	Doctoral degree	
	Psychology Teachers, Postsecondary	60 60	70 70	10 10	0	0	0	53,891	NA	34,364 42,923	NA	76,753	54,751	Doctoral degree	
	Sociology Teachers, Postsecondary Health Specialties Teachers, Postsecondary	510	640	140	10	10	20	52,704 55,528	NA NA	33,652	NA NA	64,648 77,413	56,340 55,805	Doctoral degree Doctoral degree	
25-1072	Nursing Instructors and Teachers, Postsecondary	110	140	30	0	0	10	60,301	NA	42,278	NA	81,230	59,305	Master's degree	
25-1081	Education Teachers, Postsecondary	220	280	60	10	0	10	51,931	NA	36,965	NA	70,768	58,162	Doctoral degree	
25-1121	Art, Drama, and Music Teachers, Postsecondary	50	60	10	0	0	0	53,042	NA	36,949	NA	81,054	50,236	Doctoral degree	
25-1122	Communications Teachers, Postsecondary English Language and Literature Teachers,	60	80	10	0	0	0	43,422	NA	32,970	NA	58,766	46,680	Doctoral degree	
25-1123	Postsecondary Foreign Language and Literature Teachers,	110	130	30	0	0	10	49,723	NA	30,874	NA	76,336	52,675	Doctoral degree	
25-1124	Postsecondary	30	40	10	0	0	0	47,566	NA	35,195	NA	70,247	55,054	Doctoral degree	
	History Teachers, Postsecondary	20	30	10	0	0	0	57,800	NA	28,618	NA	94,777	53,034	Doctoral degree	
	Graduate Teaching Assistants Recreation and Fitness Studies Teachers,	410	510	100	10	10	20	37,106		21,452	NA	55,780	33,671	Bachelor's degree	
25-1193	Postsecondary	50	60	10	0	0	0	47,115	NA	35,508	NA	66,092	50,957	Master's degree	
	Postsecondary Teachers, All Other	2,560	3,170	610	60	40	100	61,492	NA	34,537	NA	102,793	58,994	Doctoral degree	
	Preschool Teachers, Except Special Education	790	880	100	10	10	20	27,588	8.07	16,787	20.79	43,240	21,691	Bachelor's degree	Cert. Avail.
25-2012	Kindergarten Teachers, Except Special Education Elementary School Teachers, Except Special	580	680	100	10	10	20	46,047	NA	37,071	NA	58,221	44,476	Bachelor's degree	Cert. Avail.
25-2021	Education	5,430	6,130	700	70	120	190	46,934	NA	36,668	NA	58,331	44,622	Bachelor's degree	Lic. Req.

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
25 2022	Middle School Teachers, Except Special and		540	40		40		15.005	27.	22.740		50.150	45.040	B 1111	
25-2022	Vocational Education	510	540	40	0	10	20	45,906	NA	32,740	NA	58,163	45,818	Bachelor's degree	
25-2023	Vocational Education Teachers, Middle School	90	90	0	0	0	0	49,262	NA	39,532	NA	62094	45,742	Wk Exp.+ Bachelor's or higher degree	
25 2021	Secondary School Teachers, Except Special and Vocational Education	2,800	2,950	150	20	80	100	47,989	NA	35,664	NA	60,929	46,159	Bachelor's degree	Lic. Req.
23-2031	Vocational Education	2,000	2,930	130	20	80	100	47,989	INA	33,004	NA	00,929	40,139	Bachelor's degree	Lic. Req.
	Vocational Education Teachers, Secondary School Special Education Teachers, Preschool,	180	170	0	0	10	10	51,172	NA	39,775	NA	64,992		Bachelor's degree	
	Kindergarten, and Elementary School Special Education Teachers, Middle School	240 80	290 90	50 10	10 0	10 0	10	48,410 51,882	NA NA	38,857 40,845	NA NA	59,123 61,146	46,244 47,629	Bachelor's degree Bachelor's degree	Cert. Avail. Cert. Avail.
23-2042	Special Education Teachers, Middle School	80	90	10	U	U	U	31,002	INA	40,643	NA	01,140	47,029	bachelor's degree	Cert. Avail.
	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, and GED	1,670	1,820	150	20	40	50	50,443	NA	40,136	NA	62,797	46,290	Bachelor's degree	Cert. Avail.
	Teachers and Instructors Self-Enrichment Education Teachers	220 890	250 1,100	30 210	0 20	0 10	10 30	33,722 37,979	10.15 10.14	21,119 21,089	24.41 26.95	50,774 56058	37,658 40,531	Bachelor's degree Work Exp. in a related occ.	
	Teachers and Instructors, All Other	1,280	1,100	110	10	10	30	37,979 44,450	10.14 NA	23,407	26.95 NA	63,051	47,340	Bachelor's degree	
25-4012		90	110	10	0	0	10	32,996	7.47	15,544	25.58	53,197	32,316	Master's degree	
	Librarians	540	560	10	0	20	20	52,853	17.54	36,491	34.60	71,973	48,201	Master's degree	Lic. Req.
	Library Technicians	420	450	20	0	20	20	29,007	9.94	20,665	20.56	42,759	25,866	Short-term Tng. & Exp.	
	Audio-Visual Collections Specialists Instructional Coordinators	40 520	30 630	0 120	0 10	0 10	20	45,764 50,863	16.33 13.47	33,960 28,025	28.26 37.92	58,783 78,882	45,048 48,032	Modterm Tng. & Exp. Master's degree	
	Teacher Assistants	3,270	3,530	250	30	50	80	21,034	NA	15,651	NA	26,663	17,990	Short-term Tng. & Exp.	Cert. Avail.
	Education, Training, and Library Workers, All							,				.,		3	
25-9099		180	200	20	0	0	0	44,441	9.06	18,840	34.31	71,362	43,772	Bachelor's degree	Lic. Req.
	Art Directors	100 40	100 40	0	0	0	0	54,118 78,876	19.91 20.36	41,416 42,353	35.76 54.47	74,376 113,294	59,155 73,134	Wk Exp.+ Bachelor's or higher degree	
	Commercial and Industrial Designers Floral Designers	260	190	0	0	10	10	26,603	10.31	21,455	16.41	34,124	23,044	Bachelor's degree Modterm Tng. & Exp.	
	Graphic Designers	890	930	30	0	20	30	41.794	11.11	23,111	30.63	63,709	36,606	Bachelor's degree	
	Interior Designers	210	220	10	0	10	10	50,786	15.99	33,265	38.10	79,243	48,905	Bachelor's degree	Lic. Req.
27 1026	M I I B' I INC I T'	1.40	150	10	0		10	20.502	10.46	21.740	10.24	20.145	27 201	M.I. T. S.F.	
	Merchandise Displayers and Window Trimmers Designers, All Other	140 70	150 70	10 10	0	0	10	29,592 44,876	10.46 16.41	21,749 34,141	18.34 35.12	38,145 73,060	27,381 48,561	Modterm Tng. & Exp. Bachelor's degree	
	Coaches and Scouts	600	670	70	10	20	20	44,018	NA	16,315	NA	73,460	41,262	Long-term Tng. & Exp.	
	Music Directors and Composers	50	50	0	0	0	0	51,306	19.24	40,015	33.13	68,906	44,674		
	Musicians and Singers	510	440	0	0	10	10	NA	9.91	NA	29.20	NA	NA	Long-term Tng. & Exp.	
	Radio and Television Announcers	80 50	70 50	0	0	0	0	31,905	7.35 10.67	15,284 22,195	32.65 >80.00	67,910	27,474 67,570	Long-term Tng. & Exp.	
	Broadcast News Analysts Reporters and Correspondents	120	110	0	0	0	0	73,073 52,305	10.67	22,195	>80.00 46.51	>166,400 96741	46.441	Bachelor's degree Bachelor's degree	
	Public Relations Specialists	430	460	30	0	0	10	58,345	14.38	29,904	52.39	108970	47,997	Bachelor's degree	
27-3041	Editors	280	260	0	0	10	10	42,555	11.83	24,600	28.64	59,566	42,144	Bachelor's degree	
	Technical Writers	80	90	0	0	0	0	50,943	17.39	36,175	31.56	65,645	50,720	Bachelor's degree	
	Writers and Authors Media and Communication Workers, All Other	510 290	550 290	50	10 0	10 10	10 10	48,838 31,158	9.88 9.13	20,553 18,990	37.36 22.34	77,710 46,473	40,659 32,671	Bachelor's degree Long-term Tng. & Exp.	
	Photographers	550	570	20	0	10	10	26,397	7.65	15,918	18.13	37,718	27,587	Long-term Tng. & Exp.	
	Media and Communication Equipment Workers,														
	All Other	40	40	0	0	0	0	77,053	23.65	49,198	52.74	109,700	63,977	Modterm Tng. & Exp.	
	Chiropractors Dentists, General	230 460	240 470	10	0	0 10	10	65,572 122,391	17.81 41.89	37,043 87,125	39.39 74.12	81,927 154,175	73,183 134,816	First professional degree First professional degree	Lic. Req. Lic. Req.
	Dietitians and Nutritionists	160	170	10	0	0	10	49,036	17.79	37,007	31.09	64,674	45,081	Bachelor's degree	Lic. Req.
29-1051	Pharmacists	1,150	1,360	210	20	20	40	105,692	36.33	75,566	64.04	133,209	102,448	First professional degree	Lic. Req.
	Family and General Practitioners	310	370	50	10	10	10	192,994	43.81	91,119	>80.00	>166,400	182,792	First professional degree	Lic. Req.
	Internists, General	80	90	10	0	0	0	194,445	67.06	139,479	>80.00	>166,400	165,965	First professional degree	Lic. Req.
	Pediatricians, General Physicians and Surgeons, All Other	60 1,110	70 1,250	150	0 20	0 20	40	160,537 188,925	51.56 42.46	107,241 88,323	>80.00 >80.00	>166,400 >166,400	140,853 190,503	First professional degree First professional degree	Lic. Req. Lic. Req.
	Physician Assistants	90	1,230	40	0	0	10	66,376	12.45	25,897	43.21	89,877	70,321	Bachelor's degree	Lic. Req.
	Podiatrists	30	30	0	0	0	0	143,446	27.99	58,212		>166,400	144,991	First professional degree	Lic. Req.
	Registered Nurses	11,420	13,660	2,240	220	190	410	64,211	22.64	47,086	40.32	83,867	60,721	Associate degree	Lic. Req.
	Occupational Therapists	320	400	80	10	10	10	70,679	21.13	43,954	48.24	100,330	70,945	Bachelor's degree	Lic. Req.
	Physical Therapists Radiation Therapists	660 40	820 40	160 10	20	10	20	74,138 64,174	20.98 22.85	43,631 47,529	51.87 42.94	107,881 89,323	77,994 65,587	Master's degree Associate degree	Lic. Req.
	Recreational Therapists	110	110	0	0	0	0	37,668	13.18	27,422	23.85	49,613	39,692	Bachelor's degree	
29-1126	Respiratory Therapists	600	760	160	20	10	30	49,882	16.83	35,012	30.79	64,053	48,767	Associate degree	Lic. Req.
	Speech-Language Pathologists	250	280	30	0	10	10	79,670	25.38	52,787	60.54	125,928	69,542	Master's degree	Lic. Req.
	Therapists, All Other	340	350	10	0	0	10	68,003	20.43	42,485	49.51	102,983	60,145	First professional degree	Lic. Req.
29-1131	Veterinarians	210	280	70	10	0	10	75,613	26.09	54,261	59.48	123,722	81,885	First professional degree	Lic. Req.

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29-2011	Medical and Clinical Laboratory Technologists	840	930	90	10	10	20	50,326	16.79	34,917	32.90	68,438	48,950	Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	650	750	90	10	10	20	32,852	10.47	21,768	22.21	46,207	32,526	Associate degree	Lie. Req.
	Dental Hygienists	570	680	110	10	10	20	63,578	19.64	40,845	44.80	93,178	56,404	Associate degree	Lic. Req.
20 2021	Cardiovascular Technologists and Technicians	130	160	40	0	0	10	42,817	11.69	24,306	33.68	70,050	39,186	Associate degree	
	Diagnostic Medical Sonographers	200	240	40	0	0	10	61,961	22.75	47,318	36,94	76,827	58,984	Associate degree	
	Nuclear Medicine Technologists	70	80	10	0	0	0	64,461	24.77	51,514	38,69	80,484	62,804	Associate degree	
	Radiologic Technologists and Technicians	970	1,120	150	20	10	30	52,117	19.17	39,875	31.19	64,872	47,836	Associate degree	Lic. Req.
29-2041	Emergency Medical Technicians and Paramedics	610	700	90	10	10	20	32,453	10.82	22,498	22.70	47,225	33,706	Postsecondary voc.	Lic. Reg.
	Dietetic Technicians	60	70	10	0	0	0	21,487	7.80	16,225	13.64	28,366	23,304	Modterm Tng. & Exp.	Lie. Req.
	Pharmacy Technicians	1,200	1,550	350	40	40	70	29,346	10.02	20,851	19.24	40,009	27,344	Modterm Tng. & Exp.	Lic. Req.
29-2053	Psychiatric Technicians	510	510	0	0	20	20	23,629	7.51	15,612	16.27	33,852	23,636	Postsecondary voc.	-
29-2054	Respiratory Therapy Technicians	110	120	10	0	0	10	44,915	16.39	34,085	27.19	56,554	45,424	Postsecondary voc.	
29-2055	Surgical Technologists	450	570	120	10	10	30	41,202	14.26	29,667	24.66	51,302	37,644	Postsecondary voc.	
29-2061	Licensed Practical and Licensed Vocational Nurses	4,340	5,190	850	90	120	200	41,490	15.36	31,951	25.17	52,345	37,564	Postsecondary voc.	Lic. Req.
	Medical Records and Health Information	470	560	90	10	10	20	31,989	9.84	20,473	22.23	46,242	28,555	Associate degree	Cert. Avail.
	Opticians, Dispensing	270	280	0	0	10	10	30,160	10.12	21,051	20.08	41,760	29,866	Long-term Tng. & Exp.	
29-2099	Health Technologists and Technicians, All Other	380	440	60	10	0	10	44,894	12.28	25,544	32.90	68,427	35,561	Long-term Tng. & Exp.	Lic. Req.
	Occupational Health and Safety Specialists	260	250	0	0	10	10	67,999	25.49	53,009	40.50	84,233	65,011	Bachelor's degree	Lie. Req.
	Occupational Health and Safety Technicians	40	40	0	0	0	0	48,530	18.90	39,308	28.49	59,258	46,819	Associate degree	Lic. Req.
	Athletic Trainers	30	30	0	0	0	0	38,014	NA	28,546	NA	47,989	29,972	Bachelor's degree	Lic. Req.
	Healthcare Practitioners and Technical Workers,														
	All Other	230	270	30	0	10	10	59,474	12.67	26,355	52.61	109,422	36,868	Bachelor's degree	Lic. Req.
	Home Health Aides	2,620	3,830	1,210	120	20	140	20,628	7.08	14,736	14.18	29,486	18,934	Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	4,810 380	5,980 390	1,160 10	120 0	40 0	160	22,829 24,106	8.08 7.74	16,815 16,101	14.44 18.29	30,038 38,034	19,829 22,987	Short-term Tng. & Exp. Short-term Tng. & Exp.	Lic. Req.
	Psychiatric Aides Occupational Therapist Assistants	60	80	20	0	0	0	53,003	17.11	35,581	38.09	79,231	52,228	Associate degree	
	Physical Therapist Assistants	260	340	80	10	0	10	47,494	13.18	27,414	38.16	79,377	42,071	Associate degree	Lic. Req.
	Physical Therapist Aides	240	290	50	10	0	10	24,657	9.58	19,929	14.97	31,137	22,287	Short-term Tng. & Exp.	Lic. Req.
	Massage Therapists	440	480	40	0	10	10	27,245	7.00	14,565	18.44	38,357	29,431	Postsecondary voc.	Lic. Req.
	Dental Assistants	1,180	1,400	220	20	20	40	29,845	10.68	22,222	18.15	37,756	27,984	Modterm Tng. & Exp.	
	Medical Assistants	1,390	1,800	410	40	20	60	27,314	9.70	20,177	17.09	35,545	25,506	Modterm Tng. & Exp.	Cert. Avail.
31-9093	Medical Equipment Preparers	60	70	10	0	0	0	26,033	9.19	19,112	17.69	36,787	24,408	Short-term Tng. & Exp.	
	Medical Transcriptionists	460	500	40	0	10	10	31,125	9.46	19,678	20.06	41,714	29,210	Postsecondary voc.	
31-9095	Pharmacy Aides Veterinary Assistants and Laboratory Animal	220	190	0	0	0	0	21,455	8.05	16,736	12.75	26,510	21,416	Short-term Tng. & Exp.	
31-9096	Caretakers	500	560	60	10	10	10	24,903	7.97	16,575	17.66	36,729	22,780	Short-term Tng. & Exp.	
	Healthcare Support Workers, All Other	1,070	1,220	150	20	10	30	27,421	9.30	19,346	18.23	37,909	25,805	Short-term Tng. & Exp.	Lic. Req.
22 1011	First-Line Supervisors/Managers of Correctional	200	220	10	0	10	10	45.260	12.02	27.002	24.00	70.005	55,005	W IF : lel	
33-1011	First-Line Supervisors/Managers of Police and	200	220	10	0	10	10	45,369	13.02	27,082	34.08	70,885	55,005	Work Exp. in a related occ.	
33-1012	Detectives	690	730	40	0	20	30	74,922	21.41	44,543	53.36	110,993	61,419	Work Exp. in a related occ.	
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	470	490	30	0	20	20	47,651	17.00	35,370	32.52	67,638	50,559	Work Exp. in a related occ.	
33-1021	First-Line Supervisors/Managers, Protective	470	470	50		20	20	47,051	17.00	33,370	32.32	07,030	30,337	Work Exp. in a related occ.	
33-1099	Service Workers, All Other	250	250	0	0	0	0	43,302	14.86	30,915	28.15	58,552	41,767	Work Exp. in a related occ.	
	Fire Fighters	1,380	1,460	80	10	50	60	32,960	9.18	19,090	25.38	52,790	31,672	Long-term Tng. & Exp.	
33-2021	Fire Inspectors and Investigators	50	50	0	0	0	0	46,132	16.07	33,420	30.88	64,236	45,040	Work Exp. in a related occ.	
33-3011		160	160	10	0	0	10	31,885	10.31	21,455	25.90	53,866	30,578	Modterm Tng. & Exp.	
	Correctional Officers and Jailers	1,440	1,530	90	10	30	40	28,708	9.90	20,584	20.73	43,115	35,604	Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	490	590	100	10	10	20	59,092	15.85	32,963	48.44	100,758	51,834	Work Exp. in a related occ.	
	Police and Sheriff's Patrol Officers Animal Control Workers	3,530 30	3,780 30	250 0	30 0	90 0	120	42,044 34,393	14.24 9.86	29,622 20,515	26.14 22.54	54,367 46,886	37,721 26,746	Long-term Tng. & Exp. Modterm Tng. & Exp.	Lic. Req.
	Gaming Surveillance Officers and Gaming	20	50	Ü				,	,	,		,	-,0		
33-9031	Investigators	60	80	20	0	0	0	36,731	11.70	24,345	24.96	51,908	30,107	Modterm Tng. & Exp.	
33-9032	Security Guards	5,810	5,570	0	0	120	120	25,389	7.88	16,394	17.46	36,308	23,449	Short-term Tng. & Exp.	Lic. Req.
33-9091	Crossing Guards	160	150	0	0	10	10	22,772	7.14	14,857	15.51	32,266	20,753	Short-term Tng. & Exp.	
33,0002	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	240	240	0	0	20	20	18,575	6.96	14,467	11.81	24,563	17,732	Short-term Tng. & Exp.	
	Chefs and Head Cooks	790	240 880	90	10	10	20	37,358	11.89	24,724	26.00	54,080	37,973	Postsecondary voc.	
	First-Line Supervisors/Managers of Food													•	
35-1012	Preparation and Serving Workers	3,940	4,520	580	60	30	90	31,079	10.09	20,991	20.32	42,273	28,307	Work Exp. in a related occ.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Cooks, Fast Food	2,890	3,240 2,170	350 150	40		110	16,728	6.84	14,227	9.56		16,156		
	Cooks, Institution and Cafeteria Cooks, Restaurant	2,020 3,920	4,530	610	20 60		70 170	20,462 21,685	7.30 7.49	15,177 15,584	13.08 13.93		18,044 21,236		
	Cooks, Restaurant Cooks, Short Order	950	1,040	90	10		40	19,833	7.49		12.93		17,567		
	Cooks, All Other	220	230	10	0	10	10	20,700	7.77	16,162	12.38		19,438		
	Food Preparation Workers	10,230	12,110	1,880	190		540	17,603	6.87	14,297	10.92		16,937		
	Bartenders	4,470	5,040	570	60		220	17,073	6.77	14,091	9.79		17,069		
	Counter Attendants, Cafeteria, Food Concession,														
	and Coffee Shop	1,530	1,720	200	20		130	18,058	6.95		11.16		17,195		
	Waiters and Waitresses	11,450	12,990	1,540	150		780	18,201	6.82		11.62		17,847		
	Food Servers, Nonrestaurant Dining Room and Cafeteria Attendants and	1,130		260	30		40	19,812	6.93	14,419	13.82		18,233		
	Bartender Helpers	1,180		180	20		70	18,162	6.86		11.33		16,927		
35-9021	Dishwashers Hosts and Hostesses, Restaurant, Lounge, and	2,510	2,840	330	30	100	140	16,490	6.80	14,144	9.62	20015	16,289	Short-term Tng. & Exp.	
35-9031	Coffee Shop	1,540	1,760	220	20	110	130	17,669	6.84	14,233	11.12	23,134	17,131	Short-term Tng. & Exp.	
35-9099	Food Preparation and Serving Related Workers, All Other First-Line Supervisors/Managers of Housekeeping	280	340	60	10	10	20	19,610	6.99	14,530	12.25	25,472	17,479	Short-term Tng. & Exp.	
37-1011	and Janitorial Workers	1,240	1,300	70	10	20	30	33,021	11.45	23,809	20.71	43087	30,005	Work Exp. in a related occ.	Cert. Avail.
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers Janitors and Cleaners, Except Maids and	550	620	70	10	0	10	28,652	8.24	17,149	20.61	42,864	34,298	Work Exp. in a related occ.	
37-2011	Housekeeping Cleaners	7,660	7,920	260	30	150	170	20,895	7.18	14,935	13.58	28,254	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	5,960	6,810	850	90		200	19,817	7.14		12.36		17,810		
	Pest Control Workers	420	370	0	0		10	29,938	9.21	19,162	20.20		28,434		
	Landscaping and Groundskeeping Workers Pesticide Handlers, Sprayers, and Applicators,	2,230	2,140	0	0		30	21,614	7.14		14.36		22,139		Cert. Avail.
	Vegetation Gaming Supervisors First-Line Supervisors/Managers of Personal	80 300	90 340	20 40	0		10	29,953 46,769	7.35 17.50		20.76 29.60		29,500 46,113		
39-1021	Service Workers	860	900	30	0	20	20	34,064	12.03	25,028	23.02	47,884	34,952	Work Exp. in a related occ.	
39-2021	Nonfarm Animal Caretakers	840	930	90	10		20	23,826	7.25	15,089	16.62		21,845		
	Ushers, Lobby Attendants, and Ticket Takers	360	380	20	0	30	30	18,787	6.99	14,533	12.08		18,336		
	Amusement and Recreation Attendants Entertainment Attendants and Related Workers, All	370	360	0	0		20	19,150	6.97	14,496	12.96		17,785		
39-3099		540	620	80	10		40	21,279	8.05		12.18		20,812		
	Embalmers	40	40	0	0	0	0	44,010	17.24		25.00		43,300		
	Funeral Attendants Hairdressers, Hairstylists, and Cosmetologists	80 1,650	90 1.800	10 150	0 20		0 40	23,029 33,747	8.20 7.68		17.23 24.04		22,867 26,355		I :- D
	Manicurists and Pedicurists	1,030	200	40	0		10	25,720	7.88	16,398	15.54		20,333		Lic. Req.
	Skin Care Specialists	270	360	100	10		10	22,152	6.99	14,548	15.86		24,236		
	Baggage Porters and Bellhops	300	340	40	0	0	10	25,166	7.01	14,577	14.07	29,264	21,229		
	Concierges	80	100	20	0	0	0	29,267	9.49	19,734	18.86	39,230	25,018	Work Exp. in a related occ.	
	Tour Guides and Escorts	380	470	90	10		20	23,056	7.03		15.89		22,738		
	Child Care Workers	3,060	3,350	290	30		120	20,473	7.20	14,966	13.27	27,602	18,186		Cert. Avail.
	Personal and Home Care Aides	1,360	1,830	470	50		70	18,331	6.93	14,412	11.21	23,327	17,807		Cert. Avail.
	Fitness Trainers and Aerobics Instructors	530	530	0	0		10	23,880	8.00		15.49		26,322		
	Recreation Workers Personal Care and Service Workers, All Other First Line Supervisors (Managers of Patril Sales	680 900	700 720	20 0	0		20 20	28,749 18,602	8.37 7.04	17,404 14,635	20.83 11.60		22,897 18,604		
41-1011	First-Line Supervisors/Managers of Retail Sales Workers First-Line Supervisors/Managers of Non-Retail	7,400	7,390	0	0	160	160	35,477	10.90	22,673	24.21	50,349	34,002	Work Exp. in a related occ.	
41-1012	Sales Workers	1,400	1,320	0	0	20	20	63,887	15.41	32,059	52.19	108,547	56,264	Work Exp. in a related occ.	
41-2011		17,190	16,180	0	0		820	17,491	6.79		10.89		16,729		
	Counter and Rental Clerks	1,400	1,450	40	0		60	23,066	7.13		16.33		22,702		
	Parts Salespersons	850	770	0	0		10	26,138	7.29	15,172	19.31	40,170	26,499		
	Retail Salespersons	18,410	19,660	1,250	130		690	23,330	7.05	14,662	16.75	34,845	22,803		
	Advertising Sales Agents	480	540	50	10		10	38,020	8.60	17,895	34.72		34,071		
	Insurance Sales Agents Securities, Commodities, and Financial Services	2,940	2,990	50	10		70	52,363	13.08		43.76		44,901	Č.	
	Sales Agents Sales Representatives, Services, All Other	510 1,910	490 2,160	240	0 20		10 70	81,992 39,328	11.71 10.65	24,366 22,159	>80.00 29.42		72,964 45,050		

New Orleans-SE-Regional Labor Market Area 1 Projections for Occupations to 2018 (by SOC)

(by SOC)
RLMA 1: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John St. Tammany

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Sales Representatives, Wholesale and														
41-4011	Manufacturing, Technical and Scientific Products Sales Representatives, Wholesale and	1,470	1,550	90	10	30	40	63,255	16.78	34,912	51.55	107,221	65,875	Modterm Tng. & Exp.	
41-4012	Manufacturing, Except Technical and Scientific	7,950	8,170	220	20	180	200	55,861	14.62	30,401	42.13	87,631	52,664	Modterm Tng. & Exp.	
	Demonstrators and Product Promoters	130	150	20	0	0	10	27,721	9.41	19,570					
	Real Estate Sales Agents	750	720	0	0		10	36,728	10.78	22,432					Lic. Req.
	Sales Engineers Telemarketers	30 510	30 370	0	0	-	20	55,270 24,412	11.24 7.32	23,380 15,232		83,486 35,316	66,563 23,829		
	Sales and Related Workers, All Other	460	450	0	0		0	39,201	9.68	20,143	30.59				Lic. Req.
42 1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	5,770	5,690	0	0	120	120	42,859	13.58	28,237	29.39	61,121	40,655	Work Exp. in a related occ.	
	Switchboard Operators, Including Answering	870	740	0	0		20	25,837	8.41	17,482	17.71	36,845			
	Bill and Account Collectors	1,230	1,320	90	10		30	33,136	10.42	21,663	22.08				
43-3021	Billing and Posting Clerks and Machine Operators	2,080	2,010	0	0	30	30	29,485	10.20	21,208	19.54	40646	28,147	Short-term Tng. & Exp.	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	7,860	8,190	340	30	120	160	34,517	11.14	23,169	22.78	47,392	31,615	Modterm Tng. & Exp.	
	Payroll and Timekeeping Clerks	1,050	980	0	0		30	32,723	11.39	23,692	20.96	43,606			
	Procurement Clerks	220	210	0	0		0	35,995	11.29	23,478					
43-3071		2,730	2,730	0	0	120	120	23,003	8.42	17,504	14.26				
	Brokerage Clerks	60	60	0	0		0	34,404	12.69	26,399	21.69	45,115			
	Court, Municipal, and License Clerks Credit Authorizers, Checkers, and Clerks	460 380	480 330	20	0	10 10	10 10	30,693 25,248	9.37 8.89	19,491 18,484	22.13 15.46				
	Customer Service Representatives	5,500	6,280	770	80		230	29,627	9.39	19,521	20.85				
	File Clerks	690	390	0	0		20	21,930	7.31	15,214	13.97	29.062			
43-4081	Hotel, Motel, and Resort Desk Clerks	1,290	1,760	470	50	50	100	23,650	8.53	17,744	14.36	29,874	20,956		
	Interviewers, Except Eligibility and Loan	400	460	60	10		20	25,920	8.63	17,948	16.38				
	Loan Interviewers and Clerks	590	510	0	0	10	10	32,479	9.21	19,156				Short-term Tng. & Exp.	
	New Accounts Clerks	240	170	0	0	10	10	28,336	10.74	22,347	16.90				
	Order Clerks Human Resources Assistants, Except Payroll and	530	380	0	0		10	29,028	9.21	19,150	19.66				
	Timekeeping Receptionists and Information Clerks Reservation and Transportation Ticket Agents and	470 6,230	490 6,450	20 220	0 20		10 170	33,657 22,351	11.79 7.41	24,530 15,423	22.06 14.34		33,521 21,571		Cert. Avail.
	Travel Clerks	440	440	0	0		10	36,794	10.87	22,604	23.83	49,567			
	Information and Record Clerks, All Other	1,840	1,580	0	0		30	30,190	10.56	21,974	20.82				
	Cargo and Freight Agents	490 720	470 700	0	0		10 20	41,615 28,915	15.31 8.53	31,834 17,746	25.03 22.33			0 1	
	Couriers and Messengers Police, Fire, and Ambulance Dispatchers	290	310	20	0		10	29,557	9.67	20,123	18.33				
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,300	1,160	0	0	30	30	33,645	9.56	19,888	25.68	53,424	33,250	Modterm Tng. & Exp.	
	Meter Readers, Utilities	380	300	0	0	10	10	28,350	9.66	20,097	19.09	39,701	29,405	Short-term Tng. & Exp.	
	Production, Planning, and Expediting Clerks	1,010		0	0		30	42,862	12.57	26,156					
	Shipping, Receiving, and Traffic Clerks Stock Clerks and Order Fillers	2,470 6,370	2,410 5,610	0	0		60 150	29,802 22,430	9.05 7.17	18,819 14,909	20.30 15.53				
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	250	210	0	0	10	10	32,268	12.46	25,912	20.39	42,408	29,126	Short-term Tng. & Exp.	Lic. Req.
43-6011	Executive Secretaries and Administrative Assistants	4,250	4.440	190	20	70	90	36,329	12.50	26,006	23.98	49,888	35,801	Modterm Tng. & Exp.	Cert. Avail.
	Legal Secretaries	1,590	1,690	100	10		40	39,791	13.37	27,803	25.10				Cort. Avail.
	Medical Secretaries	850	1,040	190	20		30	28,820	10.29	21,393					
	Secretaries, Except Legal, Medical, and Executive	10,230	9,610	0	0	160	160	28,778	9.87	20,519	19.13		26,634		Cert. Avail.
	Computer Operators	400	320	0	0	10 30	10	34,567	11.31	23,518 18,371	23.60 18.24				
	Data Entry Keyers Word Processors and Typists	1,270 510	1,180 400	0	0	30 10	30 10	27,697 32,158	8.83 10.72	18,371 22,302	18.24 21.31	37,945 44,322			
	Desktop Publishers	30	20	0	0	0	0	29,291	10.72	22,302	20.26				
	Insurance Claims and Policy Processing Clerks Mail Clerks and Mail Machine Operators, Except	560	500	0	0	10	10	29,042	9.73	20,245					
43-9051	Postal Service	240	180	0	0	10	10	28,567	9.58	19,919	19.14	39,809	24,292	Short-term Tng. & Exp.	
43-9061	Office Clerks, General	9,170	9,320	150	20		180	24,013	7.33	15,244	16.21	33,711	21,555	Short-term Tng. & Exp.	
	Office Machine Operators, Except Computer Office and Administrative Support Workers, All	120 550	100 480	0	0	0 10	0 10	27,090 36,200	7.26 11.79	15,102 24,532					
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	40	0	0	0	0	45,310	14.99	31,174	32.21	66,989	44,440	Modterm Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
45-2041	Graders and Sorters, Agricultural Products	140	140	0	0	0	0	32,716	11.85	24,655	21.02	43,723	23,057	Work Exp. in a related occ.	Lic. Req.
45 2002	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	370	190	0	0	10	10	19,741	7.05	14,659	12.27	25,513	19,307	Long-term Tng. & Exp.	
	Farmworkers, Farm and Ranch Animals First-Line Supervisors/Managers of Construction	110		10	0		0	23,457	7.34				21,648	Modterm Tng. & Exp.	
47-1011	Trades and Extraction Workers	3,060	2,750	0	0	40	40	56,886	17.95	37,336	39.23	81,597	56,840	Work Exp. in a related occ.	
	Brickmasons and Blockmasons	240		0	0	10	10	42,509	15.62		24.69		41,697	Long-term Tng. & Exp.	Cert. Avail.
	Carpenters	4,250		0	0		60	40,075	13.61	28,312			37,217	Long-term Tng. & Exp.	Cert. Avail.
	Carpet Installers	160		0	0		0	37,489	13.37	27,814			37,926	Modterm Tng. & Exp.	
	Cement Masons and Concrete Finishers	470		0	0		10	45,049	13.31	27,675	35.94		35,457	Long-term Tng. & Exp.	
	Construction Laborers	6,530		0	0		50	27,171	8.67	18,033	19.50		26,445	Modterm Tng. & Exp.	Cert. Avail.
	Pile-Driver Operators Operating Engineers and Other Construction Equipment Operators	130 2,180		0	0	0 40	40	37,548 38,954	13.09 12.63	27,232 26,278			39,460 37,325	Modterm Tng. & Exp. Modterm Tng. & Exp.	Cert. Avail.
	Drywall and Ceiling Tile Installers	1.010		0	0		10	33,587	11.30	23,512			33,049	Modterm Tng. & Exp. Modterm Tng. & Exp.	Cert. Avaii.
	Electricians	3,760		0	0		100	45,231	12.70		31.50		43,538	Long-term Tng. & Exp.	Lic. Req.
47-2121		330		0	0	10	10	34,573	10.19				32,218	Long-term Tng. & Exp.	Cert. Avail.
47-2132	Insulation Workers, Mechanical	560	490	0	0	10	10	39,367	16.15	33,601	23.37	48,603	36,520	Modterm Tng. & Exp.	
47-2141	Painters, Construction and Maintenance	2,320		0	0	40	40	33,400	11.74		19.68		32,941	Modterm Tng. & Exp.	Cert. Avail.
	Pipelayers	130		0	0	0	0	29,725	10.55	21,935	19.14		32,756	Modterm Tng. & Exp.	
	Plumbers, Pipefitters, and Steamfitters	3,080		0	0	60	60	41,256	13.90	28,922			43,985	Long-term Tng. & Exp.	Lic. Req.
	Plasterers and Stucco Masons	260		0	0	10	10	37,605	13.32				35,902	Long-term Tng. & Exp.	0
	Sheet Metal Workers Structural Iron and Steel Workers	990 390		0	0	20 10	20 10	32,846 37,481	11.53 10.75	23,981 22,360	22.02 27.26		35,518 38,140	Modterm Tng. & Exp. Long-term Tng. & Exp.	Cert. Avail.
47-2221	HelpersBrickmasons, Blockmasons, Stonemasons,		330	U	0	10	10	37,401	10.75	22,300	27.20	30,093	36,140	Long-term ring, & Exp.	
47-3011	and Tile and Marble Setters	140	140	0	0	0	0	25,920	9.81	20,400	15.43	32,101	26,304	Short-term Tng. & Exp.	
	HelpersCarpenters	780	720	0	0	20	20	27,142	9.80	20,374	17.51	36,418	23,989	Short-term Tng. & Exp.	
47-3013	HelpersElectricians HelpersPainters, Paperhangers, Plasterers, and	550	480	0	0	10	10	27,787	10.36	21,556	17.80	37,026	25,933	Short-term Tng. & Exp.	
47-3014	Stucco Masons HelpersPipelayers, Plumbers, Pipefitters, and	190	160	0	0	10	10	25,041	8.23	17,123	15.90	33,066	24,489	Short-term Tng. & Exp.	
47-3015	Steamfitters	640	580	0	0	20	20	26,387	9.47		16.48	34,272	29,025	Short-term Tng. & Exp.	
	Helpers, Construction Trades, All Other	190		0	0		10	25,660	7.92				26,183	Short-term Tng. & Exp.	
	Construction and Building Inspectors	500		0	0		10	52,602	18.27	38,010			50,772	Work Exp. in a related occ.	Lic. Req.
	Hazardous Materials Removal Workers	420		30	0		10	34,812	10.37	21,565		,	36,514	Modterm Tng. & Exp.	
	Construction and Related Workers, All Other	190 380		0	0	10	10	36,710	7.32 15.85		41.18 32.09		29,733	Modterm Tng. & Exp.	
	Derrick Operators, Oil and Gas Rotary Drill Operators, Oil and Gas	230		0	0		0	43,470 59,214	25.56		31.22		45,482 60,521	Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Service Unit Operators, Oil, Gas, and Mining	620		0	0		10	45,541	14.66	30,499	31.07	0.,,,,,	42,596	Modterm Tng. & Exp.	
	Roustabouts, Oil and Gas	700	610	0	0		20	32,339	10.38				31,819	Modterm Tng. & Exp.	
47-5081	HelpersExtraction Workers	100	90	0	0	0	0	35,650	12.02	25,005	21.09	43,862	31,678	Short-term Tng. & Exp.	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,320	2,350	40	0	50	60	57,743	17.59	36,586	40.44	84,110	55,592	Work Exp. in a related occ.	
49-2011	Computer, Automated Teller, and Office Machine Repairers	500	450	0	0	10	10	40,513	12.45	25,905	28.17	58588	27,070	Postsecondary voc.	
	Telecommunications Equipment Installers and														
	Repairers, Except Line Installers Avionics Technicians	560 150		0	0	10 0	10 0	45,714 49,818	11.59 17.70	24,105 36,808	31.49 30.96		45,338 47,450	Postsecondary voc. Postsecondary voc.	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	160	150	0	0	0	0	39,687	13.51	28,105	27.66	57,542	41,130	Postsecondary voc.	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	250	250	0	0	10	10	57,306	18.30	38,071	34.33	71,404	55,943	Postsecondary voc.	
	Electronic Home Entertainment Equipment Installers and Repairers	240		0	0	0	0	32,748	9.84	20,473	20.17		31,386	Postsecondary voc.	
	Security and Fire Alarm Systems Installers	250		0	0	0	0	34,446	10.84				34,839	Postsecondary voc.	
	Aircraft Mechanics and Service Technicians Automotive Body and Related Repairers	830 820		0 30	0	10 20	10 20	49,555 31,319	17.61 8.04	36,629 16,716	30.98 22.95		49,905 34,332	Postsecondary voc. Long-term Tng. & Exp.	Cert. Avail.
49-3023	Automotive Service Technicians and Mechanics Bus and Truck Mechanics and Diesel Engine	2,680	2,890	220	20	50	80	35,549	9.10	18,926	25.77	53,609	32,658	Postsecondary voc.	Cert. Avail.
49-3031	Specialists	670	680	10	0	20	20	42,439	13.91	28,932	28.42	59,122	39,406	Postsecondary voc.	Cert. Avail.
	Mobile Heavy Equipment Mechanics, Except	1,470		0	0	30	30	39,859	13.11	27,266	25.98		41,208	Postsecondary voc.	Dorn Artill.
	Tire Repairers and Changers Heating, Air Conditioning, and Refrigeration	180		20	0	0	10	23,288	8.08	16,799	14.35		21,998	Short-term Tng. & Exp.	
49-9021	Mechanics and Installers	1,840	1,780	0	0	30	30	38,324	12.63	26,271	26.16	54,423	38,086	Long-term Tng. & Exp.	Cert. Avail.
49-9041	Industrial Machinery Mechanics	1,200	1,250	50	10	20	30	48,745	15.67	32,593	32.47	67,537	45,547	Long-term Tng. & Exp.	Cert. Avail.

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Maintenance and Repair Workers, General	8,060	8,210	150	20		40	35,614	10.69	22,227	24.32	50,585	33,524	Long-term Tng. & Exp.	
	Maintenance Workers, Machinery	740	640	0	0	10	10	39,588	12.88	26,793	29.36	61,067	36,931	Long-term Tng. & Exp.	
	Millwrights	260	240	0	0	0	0	42,541	15.44	32,118	25.32	52,673	43,614		Cert. Avail.
49-9051	Electrical Power-Line Installers and Repairers	370	340	0	0	10	10	53,930	15.58	32,410	37.62	78,240	49,147	Long-term Tng. & Exp.	
49-9052	Telecommunications Line Installers and Repairers Coin, Vending, and Amusement Machine Servicers	570	540	0	0	20	20	37,618	11.35	23,598	26.72	55,584	38,638	Long-term Tng. & Exp.	
49-9091	and Repairers	350	260	0	0	10	10	28,564	8.22	17,106	19.25	40,030	27,143	Modterm Tng. & Exp.	
49-9096		330	260	0	0	0	0	35,233	11.57	24,062	23.97	49,850	35,924	Short-term Tng. & Exp.	
	HelpersInstallation, Maintenance, and Repair														
49-9098		1,070	1,000	0	0	30	30	25,056	7.27	15,120	18.69	38,877	24,091	Short-term Tng. & Exp.	
49-9099	Installation, Maintenance, and Repair Workers, All	1,210	1,090	0	0	10	10	39,485	10.91	22,688	30.82	64,116	36,426	Long-term Tng. & Exp.	
49-9099	First-Line Supervisors/Managers of Production and	1,210	1,090	U	0	10	10	39,463	10.91	22,000	30.62	04,110	30,420	Long-term Ting. & Exp.	
51-1011	Operating Workers	2,340	2,190	0	0	40	40	61.618	17.97	37,373	46.64	97,010	57,144	Work Exp. in a related occ.	
	Structural Metal Fabricators and Fitters	790	540	0	0	10	10	39,653	13.67	28,427	24.56	51,087	40,063		Cert. Avail.
	Team Assemblers	780	830	50	10	20	20	28,968	8.48	17,642	20.57	42,781	29,346		
51-2099		440		70	10		20	34,816	9.95	20,698	22.83	47,485	NA		
51-3011	Bakers	490	530	40	0	10	10	21,347	7.09	14,748	13.96	29,029	21,767		
51-3021	Butchers and Meat Cutters	650	580	0	0	20	20	24,694	8.27	17,202	16.61	34,540	26,726	Long-term Tng. & Exp.	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	500	540	40	0	20	20	17,414	6.85	14,245	10.75	22,354	18,782	Short-term Tng. & Exp.	
	Food and Tobacco Roasting, Baking, and Drying														
	Machine Operators and Tenders	110		50	10		10	25,282	7.69	16,003	15.48	32,203	19,523		
51-3092	Food Batchmakers	210	260	50	10	10	10	20,881	7.46	15,523	13.52	28,116	21,858	Short-term Tng. & Exp.	
51-3093	Food Cooking Machine Operators and Tenders	90	90	10	0	0	0	24,131	7.42	15,432	17.25	35,877	21,442	Short-term Tng. & Exp.	
51-4012	Numerical Tool and Process Control Programmers	30	20	0	0	0	0	43,188	15.68	32,613	25.10	52,210	46,563	Long-term Tng. & Exp.	
	Extruding and Drawing Machine Setters, Operators,											. , ,	.,		
	and Tenders, Metal and Plastic Cutting, Punching, and Press Machine Setters,	60	60	0	0	0	0	28,729	10.22	21,248	18.92	39,345	27,626		
	Operators, and Tenders, Metal and Plastic Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and	170	150	0	0		0	33,892	11.43	23,765	20.48	42599	32,171		
51-4033		130	170	40	0	0	10	26,078	10.13	21,062	16.26	33,825	29,744	0 1	
	Machinists	1,480		0	0	20	20	42,489	12.83	26,694	32.06	66,688	40,654	Long-term Tng. & Exp.	
	Welders, Cutters, Solderers, and Brazers Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	4,040 20		10	0	90	90	41,000 39,775	13.41	27,887 27,633	27.82 25.88	57,862 53,827	40,790 33,320	-	Cert. Avail.
	Tool Grinders, Filers, and Sharpeners	30		10	0	0	0	42,853	18.40	38,280	24.62	51,213	34,782		
	Prepress Technicians and Workers	140		0	0	0	0	28,428	9.37	19,498	18.93	39,369	30,018		
	Printing Machine Operators	510		0	0	10	10	27,065	8.20	17,062	21.42	44,547	28,256		
	Laundry and Dry-Cleaning Workers	1,320	1,520	200	20		50	20,340	7.27	15,112	12.22	25,414	18,112		
	, , ,														
51-6021	Pressers, Textile, Garment, and Related Materials	250		0	0	0	0	23,429	8.82	18,343	14.61	30,388	19,246		
	Sewing Machine Operators	140	100	0	0	0	0	21,018	7.64	15,900	12.21	25,402	19,738		
	Tailors, Dressmakers, and Custom Sewers	220	230	0	0	0	0	22,433	8.48	17,640	13.62	28,335	20,764		
	Cabinetmakers and Bench Carpenters	100		0	0	0	0	32,181	10.42	21,677	24.43	50,811	28,230		
	Stationary Engineers and Boiler Operators	150	180	30	0	0	10	36,876	13.64	28,364	22.30	46394	42,129		
51-8091	Chemical Plant and System Operators Petroleum Pump System Operators, Refinery	700	610	0	0	20	20	57,097	19.49	40,541	35.34	73514	59,714	Long-term Tng. & Exp.	Cert. Avail.
51-8003	Operators, and Gaugers	2,310	2,420	110	10	60	80	62,793	22.40	46,599	40.24	83,690	58,912	Long-term Tng. & Exp.	
	Plant and System Operators, All Other	320	360	50	10		10	47,127	13.59	28,257	32.49	67,578	45,817		
	Chemical Equipment Operators and Tenders	320		0	0	10	10	56,911	21.50	44,712	31.74	66,012	48,863		Cert. Avail.
51 7011	Chemical Equipment Operators and Tenders	520	520			10		30,711	21.50	,,,,	51.71	00,012	10,005	mod. term riig. te Exp.	CCI L. TTVIII.
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	70	80	10	0	0	0	34,375	12.19	25,347	23.56	49014	36,690	Modterm Tng. & Exp.	
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders Furnace, Kiln, Oven, Drier, and Kettle Operators	200	200	0	0	0	0	35,765	10.45	21,738	25.23	52,486	36,028	Modterm Tng. & Exp.	
51 0051	and Tenders	80	100	20	0	0		42,268	9.75	20,280	24.24	50,411	34,081	Modterm Tng. & Exp.	
	Inspectors, Testers, Sorters, Samplers, and	1,520		20 70	10	-	30	42,268 40,921	10.81	20,280	24.24	62,371	34,081 40,431		Lic. Req.
	Dental Laboratory Technicians	1,520	1,590	/U	0	0	30	28,579	8.83	18,361	29.99	42,588	28,791		Lic. Req.
	Medical Appliance Technicians	40	40	0	0	0	0	38,941	15.25	31,723	22.80	47,415	37,872		
	Ophthalmic Laboratory Technicians	160		10	0	0	0	24,522	9.08	18,883	15.07	31339	25,752		
	Packaging and Filling Machine Operators and	700	710	10		10	10		10.14	21,096	21.17	44,036	27,579	Short-term Tng. & Exp.	
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New Orleans-SE-Regional Labor Market Area 1 Projections for Occupations to 2018 (by SOC)

(by SOC)
RLMA 1: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John St. Tammany

Occupational Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Coating, Painting, and Spraying Machine Setters,														
	Operators, and Tenders	170		0	0	0		31,603	11.31	23,517	19.52	40,599	33,270		
	Painting, Coating, and Decorating Workers	60	80	20	0	0		24,829	9.50	19,754	15.76	32,781	22,685		
	Photographic Processing Machine Operators	200	100	0	0	10		26,011	9.08	18,893	19.99	41,586		Short-term Tng. & Exp.	
	HelpersProduction Workers	1,190	1,120	0	0	30		27,722	8.64	17,977	19.24	40,016			
51-9199	Production Workers, All Other First-Line Supervisors/Managers of Helpers,	1,980	1,860	0	0	40	40	37,466	10.07	20,941	27.88	57,988	31,472	Modterm Tng. & Exp.	
53-1021	Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation	820	830	10	0	20	20	43,801	14.30	29,751	28.97	60,256	43,835	Work Exp. in a related occ.	
53-1031	and Material-Moving Machine and Vehicle	920	940	20	0	20	20	56,495	15.03	31,262	41.53	86,379	52,393	Work Exp. in a related occ.	
53-2012	Commercial Pilots Ambulance Drivers and Attendants, Except	170	160	0	0	10	10	67,904	NA	25,717	NA	104,939	68,393	Postsecondary voc.	
53-3011	Emergency Medical Technicians	120	140	20	0	0	0	22,532	8.19	17,027	15.22	31,662	23,511	Modterm Tng. & Exp.	
53-3021	Bus Drivers, Transit and Intercity	770	840	80	10	10	20	32,030	8.18	17,017	21.18	44,062	30,475	Modterm Tng. & Exp.	
53-3022	Bus Drivers, School	1,230	1,310	80	10	20	20	25,831	8.85	18,415	18.25	37,958	18,608	Short-term Tng. & Exp.	
53-3031	Driver/Sales Workers	1,130	1,090	0	0	20		31,650	9.61	19,992	22.39	46,564	28,790	Short-term Tng. & Exp.	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,860	5,930	70	10	100	110	35,900	11.52	23,951	26.62	55,364	35,203	Modterm Tng. & Exp.	Lic. Req.
53-3033	Truck Drivers, Light or Delivery Services	4,540	4,620	90	10	80	90	31,330	8.53	17,743	25.42	52,882	28,162	Short-term Tng. & Exp.	
53-3041	Taxi Drivers and Chauffeurs	840	910	70	10	10	20	26,337	7.23	15,032	21.60	44,937	22,321	Short-term Tng. & Exp.	
53-3099	Motor Vehicle Operators, All Other	60	50	0	0	0	0	29,130	8.05	16,745	19.16	39,845	26,141	Short-term Tng. & Exp.	
53-5011	Sailors and Marine Oilers	2,770	2,850	80	10	100	110	37,561	9.19	19,123	28.04	58,326	38,034	Short-term Tng. & Exp.	Lic. Req.
53-5021	Captains, Mates, and Pilots of Water Vessels	2,300	2,350	50	10	60	70	72,839	16.93	35,214	54.49	113,348	73,698	Work Exp. in a related occ.	Lic. Req.
53-5031	Ship Engineers	270	260	0	0	10	10	80,222	19.92	41,437	53.59	111,474	64,227	Postsecondary voc.	
53-6021	Parking Lot Attendants	1,230	1,320	80	10	30	40	16,931	6.79	14,127	10.34	21,513	17,594	Short-term Tng. & Exp.	
53-6031	Service Station Attendants	190	220	30	0	10	10	22,540	7.12	14,803	17.41	36,222		Short-term Tng. & Exp.	
	Transportation Inspectors	90	90	0	0	0	0	68,459	12.90	26,841	47.94	99,719	69,054	Work Exp. in a related occ.	Lic. Req.
	Transportation Workers, All Other	130		10	0	0	0	37,168	11.36	23,621	25.04	52,079	40,603	Short-term Tng. & Exp.	
	Conveyor Operators and Tenders	180	180	0	0	0		36,458	10.67	22,188	23.81	49,533	32,510		
	Crane and Tower Operators	580	530	0	0	10	10	41,161	13.83	28,772	26.95	56,050	44,638		Cert. Avail.
53-7031	Dredge Operators Excavating and Loading Machine and Dragline	40	20	0	0	0	0	43,972	14.90	31,000	28.26	58780	38,173	Short-term Tng. & Exp.	
53-7032	Operators	160	150	0	0	0	0	35,072	12.59	26,188	23.13	48,109	33,639	Modterm Tng. & Exp.	
53-7051	Industrial Truck and Tractor Operators	1,550	1,450	0	0	40	40	31,218	10.73	22,313	20.99	43657	30,788	Short-term Tng. & Exp.	
53-7061	Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material Movers,	1,210	1,240	30	0	50	50	22,850	6.94	14,433	18.53	38,539	20,520	Short-term Tng. & Exp.	
53-7062	Hand	12,340	11,330	0	0	400	400	22,596	7.19	14,954	15.37	31,968	22,623	Short-term Tng. & Exp.	
53-7064	Packers and Packagers, Hand	1,250	1,020	0	0	20	20	22,378	7.09	14,753	17.45	36,297	21,823	Short-term Tng. & Exp.	
53-7073	Wellhead Pumpers	180	140	0	0	10	10	37,040	12.08	25,117	25.79	53,649	37,100	Modterm Tng. & Exp.	
53-7081	Refuse and Recyclable Material Collectors	430	430	0	0	10	10	27,060	8.78	18,257	17.71	36,837	24,623	Short-term Tng. & Exp.	
53-7199	Material Moving Workers, All Other	620	450	0	0	10	10	38,697	11.14	23,179	28.70	59,702	35,291	Short-term Tng. & Exp.	

New Orleans-SE-Regional Labor Market Area 1 Projections for Occupations to 2018 (by SOC)

RLMA 1: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John St. Tammany

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰
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¹Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks.

http://online.onetcenter.org/

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

² Title of the occupation.

³ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴ 2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

⁷ Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

^{9 2010} Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

 $^{^{\}rm 11}\,\mathrm{Average}$ annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

 $^{^{13}\,}$ Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

¹⁵ Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

RLMA 2:Ascension, E Baton Rouge, E Feliciana, Iberville, Livingston, Pointe Coupee, St. Helena, Tangipahoa, Washington, W Baton Rouge, W Feliciana

Baton Rouge - Capital - Regional Labor Market Area 2 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011

Regional Labor Market Area 2 : Ascension, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupee, St. Helena, Tangipahoa, Washington, West Baton Rouge, & West Feliciana 2010 2010 2010 RIMA 1 2010 RIMA 1 2010 RIMA

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	RLMA 1 Annual Avg. Wage - Lowest 10% 11	RLMA 1 Hourly Avg. Wage - Highest 10% ¹²	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Total, All Occupations	453,760	501,750	51,230	5,120	10,210	15,330								
	Chief Executives	620	630	10	0	20		\$151,535		\$69,976		>\$166,400		Wk Exp.+ Bachelor's or higher degree	
	General and Operations Managers	7,170	7,240	70	10	170		99,661	21.75	45,250	>80.00	>166,400	97,474		
	Legislators	180	190	10	0	0		21,655	NA	14,051	NA	20,284	18,485		
	Advertising and Promotions Managers	90	100	10	0	0		59,988	21.54	44,795	35.89	74,659	62,413		
	Marketing Managers	280	320	40	0	10		78,679	21.50	44,713	68.55	142,592			
	Sales Managers	870	950	90	10	20		88,999	21.77	45,290	70.29	146,206		Wk Exp.+ Bachelor's or higher degree	
	Public Relations Managers Administrative Services Managers	110 720	120 780	10 50	10	20		63,065 64,549	14.86 17.20	30,910 35,776	43.32 46.99	90,111 97,744	61,347	Wk Exp.+ Bachelor's or higher degree Wk Exp.+ Bachelor's or higher degree	
	Computer and Information Systems Managers	370	400	30	0	10		89,138	26.49	55,098	61.48	127,880	81,363		Cert Avail
	Financial Managers	1,590	1,700	120	10	20		82,235	22.35	46,487	57.33	119,254	80,889		Cert. Avan.
	Compensation and Benefits Managers	110	130	20	0	0	0	77,323	23.48	48,830	56.27	117,032	72,420		
	Training and Development Managers	70	80	10	0	0	0	70,317	19.08	39,683	45.49	94,619	66,616		
	Human Resources Managers, All Other	190	200	20	0	0		78,024	22.87	47,572	52.71	109,628	72,353	Wk Exp.+ Bachelor's or higher degree	
	Industrial Production Managers	590	570	0	0	20	20	106,262	26.96	56,072	>80.00	>166,400	92,332	Bachelor's degree	
	Purchasing Managers	230	230	0	0	10	10	73,341	21.95	45,660	51.36	106,839	65,759	Wk Exp.+ Bachelor's or higher degree	
11-3071	Transportation, Storage, and Distribution Managers	370	390	30	0	10		67,787	20.60	42,858	48.62	101,129	66,553	Work Exp. in a related occ.	Lic. Req.
11-9021	Construction Managers	2,550	2,550	0	0	40	40	65,646	21.32	44,350	44.87	93,338	70,313	Bachelor's degree	
	Education Administrators, Elementary and														
	Secondary School	720	780	60	10	20		68,233	NA	49,094	NA	87,485		Wk Exp.+ Bachelor's or higher degree	
	Education Administrators, Postsecondary	480	550	70	10	10		93,764	23.25	48,363	76.44	159,000	93,840		
	Education Administrators, All Other	60	70	10	0	0		74,538	13.99	29,105	76.56	159,237	77,637		
	Engineering Managers	480 590	500	20 90	0	10 10		119,258	31.60 11.97	65,732	>80.00	>166,400			
	Food Service Managers Funeral Directors	590 50	680 60	10	10	0		47,827 71,728	20.82	24,889 43,315	37.19 43.71	77,352 90,926	46,814 52,034	Work Exp. in a related occ. Associate degree	Lic. Req.
	Lodging Managers	110	140	30	0	0		53,890	15.04	31,293	41.18	85,653	47,628	Work Exp. in a related occ.	Cert. Avail.
	Medical and Health Services Managers	970	1,080	110	10	20		79,155	22.92	47,677	55.34	115,116			Lic. Req.
	Natural Sciences Managers	70	70	0	0	0		88,110	26.13	54,353	60.78	126,428	93,246		Lic. Req.
,	Property, Real Estate, and Community Association					-	-	,		- 1,		,	,		
11-9141	Managers	1,160	1,260	100	10	20	30	42,285	11.68	24,301	34.11	70,944	41,840	Bachelor's degree	
11-9151	Social and Community Service Managers	650	690	50	10	10	20	64,437	16.27	33,834	46.47	96,668	59,751	Bachelor's degree	
11-9199	Managers, All Other	4,850	5,130	280	30	100	120	76,160	21.56	44,844	56.13	116,755	74,224	Work Exp. in a related occ.	
	Agents and Business Managers of Artists,														
13-1011	Performers, and Athletes Wholesale and Retail Buyers, Except Farm	60	60	10	0	0	0	56,872	13.75	28,596	42.63	88,665	38,154	Wk Exp.+ Bachelor's or higher degree	
13-1022	Products Purchasing Agents, Except Wholesale, Retail, and	500	490	0	0	10	10	45,279	10.39	21,601	38.59	80,276	47,545	Bachelor's degree	
13-1023	Farm Products	640	650	10	0	10	20	53,061	16.34	33,986	39.04	81,196	49,682	Bachelor's degree	
			-		-	-		,		,		,	,		
12 1041	Compliance Officers, Except Agriculture,	1.160	1,190	30	0	10	20	49,572	14.90	30,986	35.87	74,603	50,085		
	Construction, Health and Safety, and Transportation Cost Estimators	1,160 640	700	70	10	10		61,274	17.86	30,986	35.87 44.91	93,421	56,845	Long-term Tng. & Exp. Bachelor's degree	
	Emergency Management Specialists	40	40	70	0	0		49,488	17.80	35,802	33.38	69,426	46,096	Work Exp. in a related occ.	
	Employment, Recruitment, and Placement			20	-									-	
13-1071	Specialists Compensation, Benefits, and Job Analysis	300	330	30	0	10		44,329	12.05	25,065	34.04	70,800	43,648	Bachelor's degree	
	Specialists	500	530	30	0	10		49,685	16.93	35,217	32.20	66,969	47,625	Bachelor's degree	
13-1073	Training and Development Specialists Human Resources, Training, and Labor Relations	570	650	90	10	10	20	43,250	10.45	21,746	33.38	69,427	45,825	Bachelor's degree	
13-1079	Specialists, All Other	350	410	60	10	10	10	47,033	15.85	32,970	31.35	65,200	51,804	Bachelor's degree	
13-1081	Logisticians	80	100	20	0	0		66,632	21.44	44,588	48.82	101,549	62,453	Bachelor's degree	
	Meeting and Convention Planners	60	80	20	0	0		38,690	10.74	22,343	26.08	54,242		Bachelor's degree	
	Business Operations Specialists, All Other	2,680	3,200	520	50	30		55,590	16.52	34,368	39.28	81,711	55,418	Bachelor's degree	
	Accountants and Auditors	3,100	3,450	350	40	60		57,919	17.56	36,519	39.05	81,232		Bachelor's degree	Lic. Req.
	Budget Analysts	180	180	0	0	0	0	61,979	17.09	35,553	55.03	114,454	56,659	Bachelor's degree	
	Credit Analysts	40	40	0	0	0	0	49,230	15.57	32,375	33.99	70,696		Bachelor's degree	
	Financial Analysts Personal Financial Advisors	190 90	240 120	50 30	10	0		76,119 54,874	18.39 16.16	38,259 33,618	53.44 39.92	111,162 83,040	70,327 50,539	Bachelor's degree Bachelor's degree	
	Insurance Underwriters	270	280	10	0	10		52,456	15.08	31,377	36.73	76,402		Bachelor's degree	
	Financial Examiners	30	30	0	0	0	0	71,899	13.43	27,943	55.60	115,638	75,879	Bachelor's degree	
15-2001	Locumeto	50	30	U _I		0	U	, 1,033	15.75	21,743	55.00	115,050	, 5,079	Ductional a degree	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
13-2071	Loan Counselors	30	30	0	0	0	0	46,342	13.54	28,168	34.14	71,020	42,428	Bachelor's degree	
	Loan Officers	1,180	1,370	190	20	10	30	42,247	11.84		32.54	67,689	47,436	Bachelor's degree	
	Tax Preparers	290	220	190	0	10	10	26,931	7.30		19.54	40,650	29,388	Modterm Tng. & Exp.	
	Financial Specialists, All Other	180	210	30	0	10	10	67,286	18.44		52.70	109,620	54,727	Bachelor's degree	
13-2077	Financiai Speciansis, An Other	100	210	50	0	10	10	07,200	10.44	36,337	32.70	109,020	34,727	Bacheloi s degree	
15-1011	Computer and Information Scientists, Research	180	200	20	0	10	10	79,482	33.76	70,228	46.87	97484	80,595	Doctoral degree	
	Computer Software Engineers, Applications	390	520	130	10	10	20	70,709	22.91	47,654	45.21	94,029	70,026	Bachelor's degree	Cert. Avail.
15-1051	Computer Software Engineers, Applications	370	320	150	10	10	20	70,707	22.71	47,054	43.21	74,027	70,020	Dachelor's degree	CCI . Avaii.
15-1032	Computer Software Engineers, Systems Software	260	330	70	10	0	10	78,846	22.57	46,953	66.11	137,518	76,022	Bachelor's degree	
	Computer Support Specialists	1,020	1,090	70	10	30	40	44,972	12.21	25,400	37.52	78,039	43,377	Associate degree	Cert. Avail.
	Computer Systems Analysts	2,110	2,500	390	40	60	100	56,125	16.23		40.43	84,086	57,502	Bachelor's degree	Cert. Avail.
	Database Administrators	90	110	20	0	0	0	62,519	19.10		40.57	84,387	61,534	Bachelor's degree	
						-	_	0-,0-0	-,	,		- 1,	,		
15-1071	Network and Computer Systems Administrators Network Systems and Data Communications	290	360	70	10	10	10	54,184	16.92	35,195	35.49	73,827	56,090	Bachelor's degree	Cert. Avail.
15-1081	Analysts	350	510	160	20	10	20	57,597	16.48	34,271	42.76	88,935	55,026	Bachelor's degree	
15-1099	Computer Specialists, All Other	320	350	30	0	10	10	56,063	13.95	29,010	39.16	81,460	72,653	Postsecondary voc.	
15-2031	Operations Research Analysts	110	110	0	0	0	0	52,860	15.40	32,026	36.39	75,699	50,955	Master's degree	
15-2041	Statisticians	30	30	0	0	0	0	55,605	17.47		42.07	87,508	63,406	Master's degree	
17-1011	Architects, Except Landscape and Naval	350	340	0	0	10	10	74,281	23.46	48,805	50.79	105,642	68,303	Bachelor's degree	Lic. Req.
17-1012	Landscape Architects	130	140	10	0	0	0	58,514	15.98	33,230	38.57	80,235	58,771	Bachelor's degree	Lic. Req.
17-1022	Surveyors	190	200	10	0	10	10	55,251	11.86	24,667	44.35	92,250	50,478	Bachelor's degree	Lic. Req.
17-2041	Chemical Engineers	500	540	30	0	10	20	94,849	29.69	61,749	63.94	132,986	97,472	Bachelor's degree	Lic. Req.
17-2051	Civil Engineers	1,490	1,560	60	10	40	50	102,163	29.11	60,550	72.90	151,642	88,136	Bachelor's degree	Lic. Req.
17-2071	Electrical Engineers	660	680	20	0	20	20	90,242	27.25	56,677	62.80	130,617	86,049	Bachelor's degree	Lic. Req.
17-2072	Electronics Engineers, Except Computer	130	130	0	0	0	0	77,749	21.93	45,611	60.72	126,297	74,258	Bachelor's degree	Lic. Req.
	Environmental Engineers Health and Safety Engineers, Except Mining Safety	160	200	40	0	10	10	74,985	25.89		47.80	99,433	73,098	Bachelor's degree	Lic. Req.
	Engineers and Inspectors	190	210	20	0	10	10	67,366	14.57		50.74	105,546	60,376	Bachelor's degree	
	Industrial Engineers	610	790	180	20	20	30	73,929	15.49		60.74	126,348	70,385	Bachelor's degree	Lic. Req.
	Mechanical Engineers	860	920	60	10	20	30	85,760	27.94		60.60	126,057	82,788	Bachelor's degree	Lic. Req.
	Engineers, All Other	1,480	1,500	20	0	20	20	81,656	24.48		57.01	118,574	79,411	Bachelor's degree	Lic. Req.
	Architectural and Civil Drafters	510	460	0	0	10	10	46,801	12.52		34.52	71,796	44,751	Postsecondary voc.	Cert. Avail.
17-3012	Electrical and Electronics Drafters	280	280	0	0	10	10	60,210	17.90		41.75	86,838	57,339	Postsecondary voc.	Cert. Avail.
	Mechanical Drafters	210	220	10	0	10	10	49,011	12.30		46.29	96,289	43,902	Postsecondary voc.	Cert. Avail.
	Drafters, All Other	280	300	10	0	10	10	45,045	15.23		28.57	59,428	46,200	Postsecondary voc.	
	Civil Engineering Technicians	670	660	0	0	10	10	49,690	13.89		33.98	70,674	48,364	Associate degree	
	Electrical and Electronic Engineering Technicians	880	890	0	0	20	20	55,479	15.77		45.06	93,726	53,027	Associate degree	Lic. Req.
	Environmental Engineering Technicians	100	120	20	0	0	0	43,402	12.66		29.34	61,027	42,189	Associate degree	
	Industrial Engineering Technicians Engineering Technicians, Except Drafters, All	170	200	30	0	0	10	52,272	15.25		39.01	81,136	57,877	Associate degree	
17-3029		250	270	20	0	10	10	49,466	13.11		36.34	75,590	58,539	Associate degree	
	Surveying and Mapping Technicians	460	490	30	0	10	10	29,826	9.33		22.70	47,214	32,466	Modterm Tng. & Exp.	
	Conservation Scientists	30	30	10	0	0	0	64,022	22.91		40.60	84,458	69,847	Bachelor's degree	
	Epidemiologists	30	30	0	0	0	0	62,991	20.69		42.90	89,230	62,518	Doctoral degree	
	Chemists Environmental Scientists and Specialists, Including	370	420	50	10	10	20	70,470	18.60		50.88	105,820	67,084	Bachelor's degree	
19-2041	Geoscientists, Except Hydrologists and	860	890	30	0	20	30	58,556	17.82	37,066	42.91	89,244	59,260	Bachelor's degree	
10.2042		150	160	20	0	0	10	75,772	24.83	51,645	49.33	102,613	87,497	Dankalan'a danana	
	Geographers	180	200	20	0	0	10		15.75		33.82		45,009	Bachelor's degree	
19-3021	Market Research Analysts	180	200	20	0	0	0	48,562	15.75	32,730	33.82	70,343	45,009	Bachelor's degree	
10-3031	Clinical, Counseling, and School Psychologists	140	160	20	0	0	0	74,511	19.04	39,610	53.47	111,214	73,106	Master's degree	
	Urban and Regional Planners	30	40	20	0	0	0	59,186	17.99		41.36	86035	50,619	Master's degree	
	Chemical Technicians	980	1,070	90	10	30	40	51,528	14.95		36.07	75,023	52,335	Associate degree	
17-4031	Environmental Science and Protection Technicians,	700	1,070	90	10	50	40	51,326	17.73	51,101	50.07	15,025	22,233	Associate degree	
19-4091	Including Health	170	180	10	0	10	10	49,434	13.74	28,569	37.74	78,501	48,168	Associate degree	Lic. Req.
	Forest and Conservation Technicians	30	30	0	0	0	0	44,448	16.54		26.89	55,921	42,684	Associate degree	reeq.
17-4073	Substance Abuse and Behavioral Disorder	50	30	U	0	U	U	77,770	10.54	5-7,-13	20.07	33,921	72,004	Associate degree	
21-1011	Counselors	260	310	60	10	10	10	33,974	10.34	21,511	23.46	48,802	40,858	Master's degree	Lic. Req.
21-1012	Educational, Vocational, and School Counselors	1,800	1,990	190	20	40	60	52,203	17.43	36,257	34.15	71,031	50,457	Bachelor's degree	
	Mental Health Counselors	1,000	1,990	20	0	0	00	41,883	12.87		27.45	57,086	31,121	Master's degree	Lic. Req.
	Rehabilitation Counselors	160	170	10	0	0	0	23,944	7.06		19.56	40,684	31,484	Master's degree	Lic. Req.
	Child, Family, and School Social Workers	780	820	50	10	20	20	50,553	13.58		39.45	82,060	49,001	Bachelor's degree	Lic. Req.
	Medical and Public Health Social Workers	400	520	120	10	10	20		13.68		27.85	57,934	44,707	Bachelor's degree	Lic. Req.
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24 4022	Mental Health and Substance Abuse Social	200	250		40	40		40.756	12.70	20.654	20.20	62.022	40.505		
	Workers Health Educators	300 80	350 100	50 20	10	10 0	10	42,756 45,976			30.30 33.57	63,032 69,831	40,527 45,776	Master's degree Master's degree	
	Social and Human Service Assistants Community and Social Service Specialists, All	1,370	1,510	140	10	20	30	31,656	7.80	16,215	26.76	55,655	32,052	Modterm Tng. & Exp.	
21-1099		900	1,090	190	20		30	34,279	8.87	18,453	27.19		33,276	Bachelor's degree	
21-2011 23-1011		40 2,290	50 2,370	10 80	0 10	0 40	0 50	43,347 90,700	13.22 21.96		28.77 74.62		41,501 94,625	Master's degree First professional degree	Lic. Req.
	Administrative Law Judges, Adjudicators, and Hearing Officers	2,290	2,370	00	0	0	.00	50,150			44.52		74,154		Lic. Req.
	Judges, Magistrate Judges, and Magistrates	40 80	90	10	0	0	0	60,072			60.48	125,797	58.828	Wk Exp.+ Bachelor's or higher degree Wk Exp.+ Bachelor's or higher degree	
	Paralegals and Legal Assistants	640	690	60	10		10		10.90		25.69		42,640	Associate degree	
	Court Reporters	90	100	10	0	0	0	37,530		16,655	24.23		37,651	Postsecondary voc.	Lic. Req.
	Law Clerks	210	190	0	0	0	0	32,316			24.02		34,202	Bachelor's degree	
	Legal Support Workers, All Other	140	150	10	0	0	0	41,563			30.31	63,054	40,998	Modterm Tng. & Exp.	
	Computer Science Teachers, Postsecondary	100	130	20	0	0	0	62,745			NA	90,853	62,186	Doctoral degree	
	Mathematical Science Teachers, Postsecondary	130	160	30	0	0	10	58,426		37,526	NA	87,459	52,868	Doctoral degree	
	Physics Teachers, Postsecondary	40 40	50 50	10 10	0	0	0	90,212 57,194		70,963 44,087	NA NA	124,732 79,162	73,257 66,333	Doctoral degree Doctoral degree	
	Economics Teachers, Postsecondary Sociology Teachers, Postsecondary	50	60	10	0	0	0	60,177			NA NA	81,723	56,340	Doctoral degree	
	Criminal Justice and Law Enforcement Teachers, Postsecondary	50	60	10	0	0	0	51,132			NA		53,738	Doctoral degree	
					_		_								
	Art, Drama, and Music Teachers, Postsecondary Communications Teachers, Postsecondary	70 30	80 40	20 10	0	0	0	53,345 50,310			NA NA	68,161 68,465	50,236 46,680	Doctoral degree Doctoral degree	
23-1122	Recreation and Fitness Studies Teachers,	30	40	10	U	U	U	30,310	NA	27,110	INA	08,403	40,080	Doctoral degree	
25-1193	Postsecondary	60	80	20	0	0	0	63,697	NA	45,599	NA	84,109	50,957	Master's degree	
	Vocational Education Teachers, Postsecondary Postsecondary Teachers, All Other	390 880	470 1.080	90 210	10 20		20 40		20.26 NA		44.60 NA		59,723 58,994	Work Exp. in a related occ. Doctoral degree	Cert. Avail.
	Preschool Teachers, Except Special Education	1,220	1,330	120	10		30				15.64		21,691	Bachelor's degree	Cert. Avail.
25-2012	Kindergarten Teachers, Except Special Education Elementary School Teachers, Except Special	670	780	110	10	10	20	47,380	NA	38,512	NA	61,896	44,476	Bachelor's degree	Cert. Avail.
25-2021	Education Middle School Teachers, Except Special and	5,790	6,620	820	80	130	210	44,972	NA	35,094	NA	57,081	44,622	Bachelor's degree	Lic. Req.
25-2022	Vocational Education	100	110	20	0	0	0	48,582	NA	38,598	NA	65,493	45,818	Bachelor's degree	
25-2023	Vocational Education Teachers, Middle School Secondary School Teachers, Except Special and	150	150	0	0	0	0	46,660	NA	38,159	NA	53,578	45,742	Wk Exp.+ Bachelor's or higher degree	
25-2031	Vocational Education	2,460	2,620	160	20	70	90	47,921	NA	35,540	NA	64,099	46,159	Bachelor's degree	Lic. Req.
	Vocational Education Teachers, Secondary School Special Education Teachers, Preschool,	240	230	0	0	10	10			37,378	NA	65,347	48,615	Bachelor's degree	
	Kindergarten, and Elementary School	350	410	60	10		10	51,387			NA	70,051	46,244	Bachelor's degree	Cert. Avail.
	Special Education Teachers, Middle School	20	30	0	0	0	0	49,837	NA		NA		47,629	Bachelor's degree	Cert. Avail.
	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, and GED	1,710	1,860	150	20		50				NA		46,290	Bachelor's degree	Cert. Avail.
	Teachers and Instructors	160	180	20	0	0	0	29,629			22.84		37,658	Bachelor's degree	
	Self-Enrichment Education Teachers Teachers and Instructors, All Other	670 1,190	840 1,320	170 130	20 10		20	43,112 42,376		20,428 19,459	28.69 NA	59,684 64,694	40,531 47,340	Work Exp. in a related occ.	
	Librarians	510	530	20	0	10	20				31.08		48,201	Bachelor's degree Master's degree	Lic. Req.
	Library Technicians	350	390	40	0	20	20		7.02		17.59	36,580	25,866	Short-term Tng. & Exp.	Lie. req.
	Instructional Coordinators	440	540	100	10		20	43,823	10.60		30.36	63,140	48,032	Master's degree	
25-9041	Teacher Assistants Education, Training, and Library Workers, All	3,270	3,530	260	30	50	80	17,609	NA	14,312	NA	22,217	17,990	Short-term Tng. & Exp.	Cert. Avail.
25-9099		420	460	50	10	10	10	45,490	13.61	28,316	34.43	71,605	43,772	Bachelor's degree	Lic. Req.
	Illustrators	50	50	0	0	0	0	34,912			23.84		41,156	Long-term Tng. & Exp.	
	Multi-Media Artists and Animators	140	180	40	0	0	10				31.67	65,881	53,729	Bachelor's degree	
	Floral Designers Graphic Designers	210 620	180 650	0 30	0	10 20	10 20			17,910 22,626	16.05 23.64	33,390 49,177	23,044 36,606	Modterm Tng. & Exp. Bachelor's degree	
27-1026	Merchandise Displayers and Window Trimmers	160	180	20	0	0	10	27,170	9.89	20,562	15.43	32,091	27,381	Modterm Tng. & Exp.	
27-1029	Designers, All Other	110	120	10	0	0	0	48,420	11.63	24,189	34.14	71,015	48,561	Bachelor's degree	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
									10% 10		10% 12				
	Producers and Directors	90	100	10	0	0	0	42,789			39.25	81,631	45,017		
	Coaches and Scouts	560 140	620 150	70 10	10	10	20 10	44,463 50,621			NA 37.09	80,115	41,262 46,441		
	Reporters and Correspondents Public Relations Specialists	910	1,020	110	10	10	20	45,958			31.92	77,146 66,384	40,441	Bachelor's degree Bachelor's degree	
27-3031		150	1,020	110	0	10	10	45,938		,	35.02	72,835	42,144	Bachelor's degree	
	Technical Writers	30	30	0	0	0	10	53,601			38.85	80,806	50,720	Bachelor's degree	
	Writers and Authors	260	260	0	0	10	10	36,723			25.42	52,870	40,659	Bachelor's degree	
27-3091	Interpreters and Translators	190	230	40	0	10	10	20,102	8.10	16,847	11.86	24,674	23,200	Long-term Tng. & Exp.	
27-4011	Audio and Video Equipment Technicians	100	120	20	0	0	10	33,912	9.03	18,786	25.29	52,611	31,765	Long-term Tng. & Exp.	
	Photographers Camera Operators, Television, Video, and Motion	270	260	0	0	10	10	29,106			23.31	48,481	27,587	Long-term Tng. & Exp.	
	Picture	90	90	0	0	0	0	29,180			23.31	48,483	29,579	Modterm Tng. & Exp.	n
	Chiropractors Dentists, General	70 270	80 290	10 20	0	0 10	10	56,585 134,401			56.64 >80.00	117,813 >166,400	73,183 134,816		Lic. Req. Lic. Req.
	Dietitians and Nutritionists	140	160	10	0	0	10	49,535			34.62	72,005	45,081	Bachelor's degree	Lic. Req.
	Optometrists	40	50	10	0	0	0	81,311			60.70	126,252	144,374		Lic. Req.
	Pharmacists	830	1,080	240	20	10	40	98,631	34.28		62.72	130,465	102,448	First professional degree	Lic. Req.
29-1061	Anesthesiologists	80	100	20	0	0	0	139,509	53.21		>80.00	>166,400	205,221	First professional degree	Lic. Req.
29-1062	Family and General Practitioners	240	290	60	10	0	10	150,517		75,351	>80.00	>166,400	182,792	First professional degree	Lic. Req.
	Internists, General	120	130	20	0	0	0	179,363			>80.00	>166,400	165,965	First professional degree	Lic. Req.
	Physicians and Surgeons, All Other	590	710	120	10	10	20	190,497			>80.00	>166,400	190,503	First professional degree	Lic. Req.
	Physician Assistants	160	250	90	10	0	10	74,215			57.04	118,636	70,321	Bachelor's degree	Lic. Req.
	Registered Nurses	8,660	10,580	1,920	190	140	340	56,783			37.14	77,251	60,721	Associate degree	Lic. Req.
	Audiologists	70 370	80 470	10 100	0	0	20	61,994			39.13	81,391	68,440 70,945	Master's degree	Lic. Req.
	Occupational Therapists Physical Therapists	570	750	180	10 20	10 10	30	70,937 78,345	19.01 25.74		52.63 56.12	109,475 116,732	77,994	Bachelor's degree Master's degree	Lic. Req. Lic. Req.
	Radiation Therapists	110	140	30	0	0	10	65,076			51.73	107,606	65,587	Associate degree	Lic. Keq.
	Recreational Therapists	150	140	0	0	0	0	39,761	12.55		26.69	55,522	39,692	Bachelor's degree	
	Respiratory Therapists	390	480	90	10	10	20	48,446			29.94	62,277	48,767	Associate degree	Lic. Req.
	Speech-Language Pathologists	260	300	40	0	10	10	58,811	18.23		40.32	83,857	69,542	Master's degree	Lic. Req.
	Therapists, All Other	180	200	20	0	0	0	51,284	10.89		39.82	82,828	60,145	First professional degree	Lic. Req.
29-1131	Veterinarians	140	160	20	0	0	10	81,063	17.76	36,951	67.79	141,003	81,885	First professional degree	Lic. Req.
29-1199	Health Diagnosing and Treating Practitioners, All Other	80	90	20	0	0	0	211,086	26.72	55,586	>80.00	>166,400	120,522	First professional degree	Lic. Req.
20 2011	Medical and Clinical Laboratory Technologists	430	490	50	10	10	10	47,541	12.25	25,486	31.38	65,265	48,950	Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	690	800	110	10	10	20	32,222			23.67	49,239	32,526	Associate degree	Lic. Keq.
	Dental Hygienists	500	660	160	20	10	30	54,264			37.45	77,902	56,404	Associate degree	Lic. Req.
29-2031	Cardiovascular Technologists and Technicians	190	250	60	10	0	10	33,279	8.37	17,403	28.55	59,378	39,186	Associate degree	
29-2032	Diagnostic Medical Sonographers	130	160	30	0	0	10	57,236			35.01	72,828	58,984	Associate degree	
	Nuclear Medicine Technologists	30	40	10	0	0	0	59,949			34.12	70,976	62,804	Associate degree	
	Radiologic Technologists and Technicians	600	710	100	10	10	20	47,052			30.74	63,943	47,836	_	Lic. Req.
	Emergency Medical Technicians and Paramedics	260	310	50	10	0	10	41,123			28.31	58,888	33,706	Postsecondary voc.	Lic. Req.
	Dietetic Technicians	120 960	130 1,370	10 410	0 40	0	10 70	22,638			15.21	31,641	23,304	Modterm Tng. & Exp.	I:- D
	Pharmacy Technicians Psychiatric Technicians	30	40	410	0	30 0	70	27,139 20,825			17.30 11.88	35,991 24,706	27,344 23,636	Modterm Tng. & Exp. Postsecondary voc.	Lic. Req.
	Respiratory Therapy Technicians	60	70	0	0	0	0	43,435			27.14	56,455	45,424	Postsecondary voc.	
	Surgical Technologists	170	210	50	10	10	10	39,832			24.21	50,354	37,644	Postsecondary voc.	
29-2061	Licensed Practical and Licensed Vocational Nurses Medical Records and Health Information	3,900	4,750	850	90	110	190	36,391	13.24		22.30	46,374	37,564	Postsecondary voc.	Lic. Req.
	Technicians	670	780	110	10	20	30	27,189		. ,	20.96	43,599	28,555	Associate degree	Cert. Avail.
	Opticians, Dispensing	240	260	30	0	10	10	28,852			18.98	39,478	29,866		
	Health Technologists and Technicians, All Other	350	420	60	10	0	10	33,476			22.78	47,390	35,561	Long-term Tng. & Exp.	Lic. Req.
	Occupational Health and Safety Specialists Occupational Health and Safety Technicians	210 60	240 70	20 10	0	0	10 0	69,184 43,875			48.06 30.55	99,969 63,536	65,011 46,819	Bachelor's degree Associate degree	Lic. Req.
20.0000	Healthcare Practitioners and Technical Workers, All Other	650	750	100	10	10	20	27,221	8.17	17,001	19.33	40,203	36,868	Bachelor's degree	Lic. Req.
	Home Health Aides	1,840	2,630	790	80	20	100	18,632			11.64	24,216		Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	4,540	5,280	740	70	40	120	19,353			11.97	24,900	19,829	Short-term Tng. & Exp.	Lic. Req.
	Occupational Therapist Assistants	40	50	10	0	0	0	54,755			31.73	65,988	52,228	Associate degree	
31-2012	Occupational Therapist Aides	30	30	10	0	0	0	33,951	7.35		29.97	62,328	28,591	Short-term Tng. & Exp.	
	Physical Therapist Assistants	150	200	60	10	0	10	44,821	8.88		35.02	72,849	42,071	Associate degree	Lic. Req.
31-2022	Physical Therapist Aides	160	190	40	0	0	10	20,823	7.31	15,199	12.30	25,580	22,287	Short-term Tng. & Exp.	Lic. Req.

								2010	2010 DIMA 1	2010	2010 DI MA 1	2010 PT 34			
Occupa-					Annual	Annual	Annual	2010 RLMA 1	RLMA 1 Hourly	RLMA 1	RLMA 1 Hourly	2010 RLMA 1 Annual	2010 State		Occupational
tional	Occupational Title ²	2008	2018	10 Year	New	Replace-	Total	Annual	Avg.	Annual	Avg.	Avg. Wage -		Most Significant Source of Education	License
Code 1	Occupational Title	Estimate 3	Projected 4	Growth 5	Growth 6	ment 7	Openings 8	Average	Wage -	Avg. Wage -	Wage -	Highest 10%	Average	or Training ¹⁵	Required 16
Code					Growth	ment	Openings	Wage 9	Lowest	Lowest	Highest	13	Wage 14		Required
									10% 10	10% 11	10% 12				
31-9011	Massage Therapists	180	230	40	0	0	10	25,709	8.22	17,101	17.98	37,389	29,431	Postsecondary voc.	Lic. Req.
	Dental Assistants	840	1,100		30	20	40	26,145	9.47		16.40	34,112	27,984	Modterm Tng. & Exp.	
	Medical Assistants	1,040	1,420		40	10	50	26,204	8.53		17.26	35,900	25,506	Modterm Tng. & Exp.	Cert. Avail.
	Medical Equipment Preparers	90	100		0	0	0	23,269	8.49		14.95	31,101	24,408	Short-term Tng. & Exp.	
	Medical Transcriptionists Pharmacy Aides	210 150	230 150		0	0	10	30,212 19,587	11.01 6.99		18.24 12.22	37,948 25,424	29,210 21,416		
31-7073	First-Line Supervisors/Managers of Police and	150	150	Ü		· ·	Ü	17,567	0.77	14,542	12.22	23,424	21,410	Short-till riig. & Exp.	
33-1012	Detectives	240	260	20	0	10	10	62,237	20.79	43,252	41.69	86,719	61,419	Work Exp. in a related occ.	
	First-Line Supervisors/Managers of Fire Fighting													-	
33-1021	and Prevention Workers	300	340	40	0	10	10	53,332	20.58	42,816	32.36	67,318	50,559	Work Exp. in a related occ.	
	First-Line Supervisors/Managers, Protective														
	Service Workers, All Other	100	110		0	0	0	39,353	10.38		28.07	58,375	41,767	Work Exp. in a related occ.	
33-2011	Fire Fighters	400 90	450 100		10 0	20	20	29,593 25,155	9.65 6.96		19.56 19.39	40,692 40,338	31,672 30,578	Long-term Tng. & Exp. Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	260	330		10	10	10	53,071	14.96		43.36	90,181	51,834	Work Exp. in a related occ.	
	Police and Sheriff's Patrol Officers	1,720	1,950		20	50	70	36,892	12.31		24.68	51,325	37,721	Long-term Tng. & Exp.	
	Animal Control Workers	40	50		0	0	0	23,752	8.00		17.32	36,027	26,746	Modterm Tng. & Exp.	Lic. Req.
33-9021	Private Detectives and Investigators	40	40	0	0	0	0	41,346	13.19	27,442	26.86	55,869	37,610	Work Exp. in a related occ.	Lic. Req.
	Security Guards	5,250	6,210		100	110	200	22,445	7.10		15.52	32,283	23,449	Short-term Tng. & Exp.	Lic. Req.
33-9091	Crossing Guards	170	180	10	0	10	10	16,702	6.81	14,165	10.66	22,182	20,753	Short-term Tng. & Exp.	
22 0002	Lifeguards, Ski Patrol, and Other Recreational	4.40	4.00			4.0	4.0	15.000	= 00		10.00	24.505	45.500	m m n	
	Protective Service Workers Protective Service Workers, All Other	140 270	160 320		0 10	10 20	10 30	17,960 34,131	7.09 8.35		10.38 25.43	21,595 52,886	17,732 34,858	0 1	
	Chefs and Head Cooks	240	280		0	20	10	30,338	10.28		21.90	45,552	37,973	Short-term Tng. & Exp. Postsecondary voc.	
33-1011	First-Line Supervisors/Managers of Food	240	280	40	0	U	10	30,336	10.20	21,379	21.90	43,332	31,713	r ostsecondar y voc.	
35-1012	Preparation and Serving Workers	3,440	4,200	760	80	30	100	28,125	9.14	19,017	18.90	39,313	28,307	Work Exp. in a related occ.	
	Cooks, Fast Food	2,230	2,730	500	50	60	110	16,004	6.79		9.08	18,891	16,156	Short-term Tng. & Exp.	
	Cooks, Institution and Cafeteria	2,420	2,520		10	70	80	17,843	6.90		10.98	22,830	18,044	Long-term Tng. & Exp.	
	Cooks, Restaurant	2,100	2,630		50	60	110	21,410	7.32		14.30	29,747	21,236	Long-term Tng. & Exp.	
	Cooks, Short Order	780	910		10	20	30	16,891	6.81	14,171	10.40	21,634	17,567	Short-term Tng. & Exp.	
	Food Preparation Workers	6,460	8,250		180	220	400	16,784	6.81		10.10	21,011	16,937	Short-term Tng. & Exp.	
35-3011	Bartenders Combined Food Preparation and Serving Workers,	940	1,130	190	20	30	50	17,040	6.84	14,235	10.46	21,766	17,069	Short-term Tng. & Exp.	
35-3021	Including Fast Food	3,540	4,690	1,160	120	70	180	16,294	6.80	14,146	9.20	19,132	16,638	Short-term Tng. & Exp.	
55 5021	Counter Attendants, Cafeteria, Food Concession,	5,510	1,050	1,100	120	,,,	100	10,271	0.00	11,110	7.20	17,132	10,050	Short term ring, to Exp.	
35-3022	and Coffee Shop	840	990	150	20	60	70	17,367	6.83	14,204	10.99	22,866	17,195	Short-term Tng. & Exp.	
35-3031	Waiters and Waitresses	7,190	8,970		180	390	570	18,817	6.85		13.93	28,974	17,847	Short-term Tng. & Exp.	
35-3041	Food Servers, Nonrestaurant	290	350	60	10	0	10	16,937	6.88	14,302	9.66	20,083	18,233	Short-term Tng. & Exp.	
	Dining Room and Cafeteria Attendants and														
	Bartender Helpers	610	750		10	30	40 80	16,144	6.81		9.13	18,983	16,927	Short-term Tng. & Exp.	
35-9021	Dishwashers Hosts and Hostesses, Restaurant, Lounge, and	1,270	1,550	290	30	50	80	16,415	6.81	14,167	9.33	19,399	16,289	Short-term Tng. & Exp.	
35-9031	Coffee Shop	1,030	1,290	260	30	70	100	16,667	6.83	14,213	9.70	20,167	17,131	Short-term Tng. & Exp.	
	Food Preparation and Serving Related Workers, All	-,	-,					,		,		,	,		
35-9099		500	600	110	10	20	40	16,157	6.77	14,086	9.47	19,704	17,479	Short-term Tng. & Exp.	
	First-Line Supervisors/Managers of Housekeeping														
37-1011	and Janitorial Workers	1,000	1,100	90	10	20	20	28,031	8.52	17,723	20.88	43,421	30,005	Work Exp. in a related occ.	Cert. Avail.
	F														
27 1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	590	670	90	10	0	10	36,158	9.54	19,852	25.50	53,032	34,298	Work Exp. in a related occ.	
37-1012	Janitors and Cleaners, Except Maids and	390	670	90	10	U	10	30,136	9.34	19,832	23.30	33,032	34,298	work Exp. in a related occ.	
37-2011	Housekeeping Cleaners	6.950	7.930	980	100	130	230	19,159	6.89	14,337	12.32	25,620	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	2,570	3,020		50	50	90	17,666	6.88		11.16	23,211	17,810	Short-term Tng. & Exp.	
	Pest Control Workers	320	370		10	10	10	29,141	7.83		19.75	41,073	28,434	Modterm Tng. & Exp.	
	Landscaping and Groundskeeping Workers	2,820	3,270		50	40	80	24,140	7.46		16.08	33,448	22,139	Short-term Tng. & Exp.	Cert. Avail.
	Gaming Supervisors	80	100		0	0	0	45,667	13.94		29.35	61,057	46,113	Postsecondary voc.	
	First-Line Supervisors/Managers of Personal														
	Service Workers	900	970		10	20	30	37,454	11.45		29.03	60,391	34,952	Work Exp. in a related occ.	
	Nonfarm Animal Caretakers	860	990		10	10	30	22,066	7.12		15.40	32,029	21,845	Short-term Tng. & Exp.	
	Ushers, Lobby Attendants, and Ticket Takers	170	180		0	10	10	17,018	6.83		9.93	20,655	18,336	Short-term Tng. & Exp.	
39-3091	Amusement and Recreation Attendants Entertainment Attendants and Related Workers All	380	420	40	0	20	20	16,604	6.81	14,164	9.42	19,586	17,785	Short-term Tng. & Exp.	
39-3099	Entertainment Attendants and Related Workers, All Other	200	270	70	10	10	20	19,684	7.31	15,210	11.52	23,951	20,812	Modterm Tng. & Exp.	
	Embalmers	30	30	10	0	0	0	42,287	17.42		23.04	47,931	43,300	Postsecondary voc.	
	Funeral Attendants	20	30		0	0	0	27,937	11.65		15.38	31,990	22,867	Short-term Tng. & Exp.	
	Hairdressers, Hairstylists, and Cosmetologists	1,070	1,300		20	10	40	28,413	8.32	17,312	20.62	42,893	26,355	Postsecondary voc.	Lic. Req.
39-5092	Manicurists and Pedicurists	340	470	130	10	0	20	21,792	6.82	14,177	21.48	44,682	22,795	Postsecondary voc.	

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Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage 9	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
									10% 10	10% 11	10% 12				
39-5094	Skin Care Specialists	70		20	0	0	0	31,094	8.44	17,546	22.88	47,591	24,236		
	Baggage Porters and Bellhops	60	70	10	0	0	0	17,268	6.85		10.31	21,444	21,229		
	Tour Guides and Escorts	50		0	0	0	0	19,136	7.17		13.30	27,660	22,738		
	Child Care Workers Personal and Home Care Aides	2,510 4,520	2,760 6,370	250 1,850	30 190		100 260	17,684 18,001	6.86 6.97		11.24 10.54	23,372 21,929	18,186 17,807		Cert. Avail. Cert. Avail.
	Fitness Trainers and Aerobics Instructors	4,520 480	560	1,850	190	10	200	26,098	7.14		22.08	45,929 45,924	26,322		Cert. Avail.
	Recreation Workers	760		70	10		20	20,596	6.92		14.92	31,029	22,897	Short-term Tng. & Exp.	
	Residential Advisors	160		20	0	0	10	18,546	6.93		11.28	23,459	23,432		
39-9099	Personal Care and Service Workers, All Other	890	720	0	0	20	20	19,715	6.96	14,484	13.87	28,840	18,604		
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	6,360	6,970	610	60	130	190	33,408	10.09	20,988	23.46	48,788	34,002	Work Exp. in a related occ.	
	First-Line Supervisors/Managers of Non-Retail				_										
41-1012 41-2011	Sales Workers	1,180 13,350	1,210 13,830	30 480	0 50	20 640	20 680	55,989 16,565	14 6.74		44 9.91	91,767 20,606	56,264 16,729	Work Exp. in a related occ. Short-term Tng. & Exp.	
	Counter and Rental Clerks	930	1,130	190	20		60	23,047	7.10		15.91	33,086	22,702		
	Parts Salespersons	950	880	0	0	10	10	26,262	7.43		18.79	39,092	26,499		
	Retail Salespersons	12,500	14,490	1,990	200		580	22,192	6.93		16.15	33,600	22,803		
41-3011	Advertising Sales Agents	250	290	40	0	0	10	29,998	7.18	14,924	22.60	47,005	34,071	Modterm Tng. & Exp.	
41-3021	Insurance Sales Agents Securities, Commodities, and Financial Services	1,850	2,160	310	30	40	70	45,423	12.54	26,083	39.45	82,063	44,901	Bachelor's degree	
	Sales Agents	830		170	20	20	40	69,289	13.75		65.63	136,501	72,964		
	Travel Agents	110	110	0	0	0	0	26,007	8.25		17.99	37,414	25,961	Postsecondary voc.	
41-3099	Sales Representatives, Services, All Other	1,470	1,730	260	30	40	60	44,926	12.12	25,219	35.55	73,950	45,050	Modterm Tng. & Exp.	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	510	570	50	10	10	20	56,985	16.05	33,388	41.90	87,145	65,875	Modterm Tng. & Exp.	
41-4012	Products	5,160	5,560	400	40	110	150	51,638	15.05	31,296	37.30	77,583	52,664		
	Demonstrators and Product Promoters	90	110	20	0	0	10	22,732	8.09		14.14	29,420	28,162		
	Real Estate Brokers	200		0	0	0	0	41,131	11.56		29.45	61,250	47,307	Work Exp. in a related occ.	Lic. Req.
	Real Estate Sales Agents	760 210	770 250	10 40	0	10 0	10 10	40,397	10.17		33.28	69,218	37,705		Lic. Req.
41-9099	Sales and Related Workers, All Other First-Line Supervisors/Managers of Office and	210	230	40	U	U	10	30,977	7.95	16,538	26.17	54,439	36,634	Modterm Tng. & Exp.	Lic. Req.
43-1011	Administrative Support Workers Switchboard Operators, Including Answering	6,530	6,620	90	10	140	140	40,506	11.96	24,868	29.18	60,698	40,655	Work Exp. in a related occ.	
43-2011		660	610	0	0	10	10	22,395	8.07	16,793	14.27	29,680	22,564	Short-term Tng. & Exp.	
43-3011	Bill and Account Collectors	940	1,040	100	10	10	20	31,232	10.05	20,911	20.35	42,332	29,690	Short-term Tng. & Exp.	
43-3021	Billing and Posting Clerks and Machine Operators	1,000	1,010	10	0	10	10	28,184	9.69	20,155	18.34	38,142	28,147	Short-term Tng. & Exp.	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,050	6,680	630	60	100	160	32,621	10.01	20,826	21.83	45,404	31,615	Modterm Tng. & Exp.	
43-3051	Payroll and Timekeeping Clerks	580	570	0	0	20	20	30,341	9.21	19,166	20.05	41,698	31,966	Short-term Tng. & Exp.	
	Procurement Clerks	190	180	0	0	0	0	38,730	9.86		27.23	56,637	34,954		
43-3071		2,320	2,710	380	40		140	22,151	8.20		13.81	28,732	21,791		
	Brokerage Clerks	140 290	160 330	20 40	0	10 10	10 10	31,761 37,655	11.69 10.79		18.72 30.27	38,944 62,962	33,021 30,774	Modterm Tng. & Exp.	
	Court, Municipal, and License Clerks Credit Authorizers, Checkers, and Clerks	360	330	40	0	10	10	25,231	8.49		17.26	35,904	24,237		
	Customer Service Representatives	5,920	7,520	1,600	160		330	27,572	8.86		18.45	38,386	27,131		
	File Clerks	440	270	0	0		10	21,014	7.23		13.99	29,108	20,949		
43-4081	Hotel, Motel, and Resort Desk Clerks	380	510	120	10	20	30	20,070	7.34	15,260	12.26	25,491	20,956		
	Interviewers, Except Eligibility and Loan	320	360	40	0	10	10	26,547	9.45		17.96	37,357	25,460		
	Loan Interviewers and Clerks	550	570	20	0	10	10	28,145	7.68		19.75	41,085	28,351	Short-term Tng. & Exp.	
	New Accounts Clerks Human Resources Assistants, Except Payroll and	440	380	0	0	10	10	26,066	8.69		15.71	32,677	26,500	-	
	Timekeeping	300	320	20	0	0	0	34,411	10.96		23.02	47,875	33,521	Short-term Tng. & Exp.	C . A . T
	Receptionists and Information Clerks Reservation and Transportation Ticket Agents and	3,810		480	50		140	22,701	7.55		15.14	31,482	21,571		Cert. Avail.
	Travel Clerks Information and Record Clerks, All Other	100 870	110 790	10	0	0 10	10	26,235 30,717	9.54 8.63		16.93 22.02	35,204 45,808	31,197 30,762		
	Cargo and Freight Agents	870 50		10	0	0	10	30,/17 40,687	12.79		22.02	45,808 59,419	30,762 40,778		
	Couriers and Messengers	470		0	0	10	10	20,077	7.18		12.75	26,514	21,938		
	Police, Fire, and Ambulance Dispatchers	490		70	10		20	28,400	9.92		19.98	41,567	26,752		
	Dispatchers, Except Police, Fire, and Ambulance	890	910	20	0	20	20	32,676	8.72		24.12	50,177	33,250		
	Meter Readers, Utilities	430	390	0	0	10	10	33,596	10.42		25.52	53,077	29,405		
45-5061	Production, Planning, and Expediting Clerks	570	630	50	10	20	20	41,619	11.56	24,039	30.51	63,463	42,143	Short-term Tng. & Exp.	

Occupa-					Annual	Annual	Annual	2010 RLMA 1	2010 RLMA 1 Hourly	2010 RLMA 1	2010 RLMA 1 Hourly	2010 RLMA 1 Annual	2010 State		Occupational
tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	New Growth ⁶	Replace- ment ⁷	Total Openings 8	Annual Average Wage ⁹	Avg. Wage - Lowest 10% 10	Annual Avg. Wage - Lowest 10% ¹¹	Avg. Wage - Highest 10% 12	Avg. Wage - Highest 10%	Annual Average Wage 14	Most Significant Source of Education or Training ¹⁵	License Required 16
43-5071	Shipping, Receiving, and Traffic Clerks	1,470	1,550	80	10	40	40	27,072	8.15	16,947	18.87	39,258	28,574	Short-term Tng. & Exp.	
	Stock Clerks and Order Fillers	4,910	4,760	0	0	120	120	22,625	7.29	15,161	15.50	32,242	21,474		
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	220	190	0	0	10	10	29,732	8.73	18,154	19.82	41,218	29,126	Short-term Tng. & Exp.	Lic. Req.
43-6011	Executive Secretaries and Administrative Assistants	4,350	4,750	400	40	70	110	37,250	11.70	24,343	25.64	53,335	35,801	Modterm Tng. & Exp.	Cert. Avail.
	Legal Secretaries	750	740		0	10	10	34,091	11.36	23,626	23.13	48,106		Postsecondary voc.	
43-6013	Medical Secretaries	580	720	140	10	10	20	26,088	8.83	18,357	17.97	37,370	25,548	Postsecondary voc.	
	Secretaries, Except Legal, Medical, and Executive	7,600	7,500		0	120	120	27,816	9.09	18,903	18.57	38,622	26,634	Modterm Tng. & Exp.	Cert. Avail.
	Computer Operators	500 970	350 860		0	10 20	10 20	38,076 25,122	10.19	21,194 17,560	29.40 15.96	61,160 33,204	35,471 25,400	Modterm Tng. & Exp.	
	Data Entry Keyers Insurance Claims and Policy Processing Clerks	580	580		0	10	10	31,806	8.44 11.01	22,897	21.65	45,024	29,071		
	Mail Clerks and Mail Machine Operators, Except														
	Postal Service	260	230		0	10	10	22,230	7.25	15,089	14.88	30,941	24,292		
43-9061	Office Clerks, General Office and Administrative Support Workers, All	8,630	9,500	870	90	160	250	20,640	7.04	14,643	14.15	29,434	21,555	Short-term Tng. & Exp.	
43-9199		600	550	0	0	10	10	27,658	8.18	17,024	19.21	39,964	31,927	Short-term Tng. & Exp.	
45-2092	Greenhouse	630	470	0	0	20	20	20,432	7.16	14,899	12.22	25,423	19,307	Long-term Tng. & Exp.	
45-4021		120	100		0	0	0	35,840	13.83	28,762	21.27	44,235	34,217		
	Logging Equipment Operators First-Line Supervisors/Managers of Construction	160	160		0	0	0	30,730	12.20	25,366	18.09	37,622	30,898		
	Trades and Extraction Workers Boilermakers	3,360 290	3,400 310		0	50 10	50 10	55,660 51,806	19.13 17.68	39,780 36,781	37.04 35.33	77,040 73,477	56,840 69,420	Work Exp. in a related occ. Long-term Tng. & Exp.	Lic. Req.
	Brickmasons and Blockmasons	350	360	20	0		10	46,522	15.84	32,956	30.88	64.237	41,697	Long-term Tng. & Exp.	Cert. Avail.
	Carpenters	5,510	5,490		0		80	38,463	12.24	25,453	26.55	55,221	37,217		Cert. Avail.
47-2051	Cement Masons and Concrete Finishers	560	570	10	0	20	20	33,718	10.94	22,756	23.16	48,168	35,457	Long-term Tng. & Exp.	
	Construction Laborers Paving, Surfacing, and Tamping Equipment	4,790	4,700		0	40	40	26,417	7.93	16,487	17.96	37,355	26,445		Cert. Avail.
	Operators Pile-Driver Operators	170 110	190 130		0	0	10 0	38,213 38,707	12.29 14.49	25,562 30,145	27.62 22.93	57,439 47,696	33,222 39,460		
45 2052	Operating Engineers and Other Construction	4.050	2 000	440	40	40		26.552		24.524	21.71	54 450	25.225		
	Equipment Operators Drywall and Ceiling Tile Installers	1,970 110	2,080 110		10	40 0	50	36,573 37,095	11.84 8.15	24,624 16,961	24.74 34.56	51,453 71,888	37,325 33,049		Cert. Avail.
	Electricians	3,030	3,220	190	20		100	41,889	13.81	28,714	27.62	57,458	43,538	Long-term Tng. & Exp.	Lic. Req.
47-2121		180	200	20	0	0	10	34,317	12.70	26,419	22.36	46,508	32,218		Cert. Avail.
	Insulation Workers, Mechanical	1,700	1,810		10	40	50	35,229	11.36	23,637	26.00	54,075	36,520		
	Painters, Construction and Maintenance	2,430	2,590	160	20		60	30,942	11.99	24,935	18.59	38,671	32,941	Modterm Tng. & Exp.	Cert. Avail.
	Pipelayers Plumbers, Pipelitters, and Steamfitters	290 4,870	320 5,020	20 150	0 20	10 100	10 120	34,934 50,570	10.42 15.57	21,670 32,393	26.44 33.58	54,985 69,852	32,756 43,985	Modterm Tng. & Exp. Long-term Tng. & Exp.	Lic. Req.
	Reinforcing Iron and Rebar Workers	630	540		0	20	20	31,382	6.94	14,431	24.56	51,082	34,130		Lic. Keq.
47-2181		230	250		0	10	10	32,629	11.24	23,385	20.20	42,018	30,984	Modterm Tng. & Exp.	Cert. Avail.
	Sheet Metal Workers	530	570		0	10	20	38,241	10.90	22,674	26.73	55,602	35,518		Cert. Avail.
47-2221	Structural Iron and Steel Workers HelpersBrickmasons, Blockmasons, Stonemasons,	940	1,000	60	10	30	40	42,092	14.00	29,120	25.60	53,242	38,140	Long-term Tng. & Exp.	
	and Tile and Marble Setters	260	280	20	0	10	10	29,225	9.48	19,711	17.93	37,297	26,304	Short-term Tng. & Exp.	
	HelpersCarpenters	850	850	0	0	20	20	24,142	7.73	16,073	15.95	33,175	23,989	Short-term Tng. & Exp.	
47-3013	HelpersElectricians HelpersPipelayers, Plumbers, Pipefitters, and	970	990	10	0	30	30	26,823	9.76	20,302	15.88	33,025	25,933	Short-term Tng. & Exp.	
47-3015	Steamfitters	950	1,030	80	10	20	30	34,278	10.96	22,794	23.24	48,333	29,025	Short-term Tng. & Exp.	
47-3019	Helpers, Construction Trades, All Other	350	390	40	0	10	10	27,652	8.63	17,960	19.25	40,041	26,183	Short-term Tng. & Exp.	
	Construction and Building Inspectors	330	350		0	10	10	50,750	17.24	35,864	34.10	70,932	50,772		Lic. Req.
	Hazardous Materials Removal Workers	240 300	250 340		0	10 10	10 10	40,768	12.71 8.85	26,430 18,405	25.66 24.41	53,371 50,769	36,514 29,810		
	Highway Maintenance Workers Construction and Related Workers, All Other	300 60	540 60	40 0	0	0	10	33,491 33,133	8.85 10.64	22,126	25.42	50,769	29,810		
	Derrick Operators, Oil and Gas	80	110	-	0	0	0	37,001	13.30	27,667	25.29	52,596	45,482		
47-5012	Rotary Drill Operators, Oil and Gas	100	100	0	0	0	0	55,114	16.29	33,883	39.29	81,733	60,521	Modterm Tng. & Exp.	
	Roustabouts, Oil and Gas First-Line Supervisors/Managers of Mechanics,	270	350		10		20	33,935	10.63	22,115	27.35	56,897	31,819		
49-1011	Installers, and Repairers Computer, Automated Teller, and Office Machine	1,950	2,090	150	20	50	60	52,865	15.35	31,920	36.60	76,118	55,592	Work Exp. in a related occ.	
	Repairers Telecommunications Equipment Installers and	230	220	0	0	0	0	32,462	8.35	17,372	24.91	51,811	27,070	Postsecondary voc.	
49-2022	Repairers, Except Line Installers Electrical and Electronics Installers and Repairers,	810	790	0	0	20	20	46,224	12.14	25,258	30.93	64,329	45,338	Postsecondary voc.	
49-2093	Transportation Equipment	30	40	0	0	0	0	46,186	13.36	27,792	31.15	64,784	41,130	Postsecondary voc.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Electrical and Electronics Repairers, Commercial														
	and Industrial Equipment	300	330	40	0	10	10	59,071	18.84	39,195	37.86	78,750	55,943	Postsecondary voc.	
49-2098	Security and Fire Alarm Systems Installers	180	220	40	0	0	10	35,782	11.70		22.61	47,030	34,839	Postsecondary voc.	
	Aircraft Mechanics and Service Technicians	180	210	30	0	0	10	51,909	17.95		34.67	72,111	49,905	Postsecondary voc.	
49-3021	Automotive Body and Related Repairers	480	530	60	10	10	20	36,348	11.93	24,812	25.57	53,182	34,332	Long-term Tng. & Exp.	Cert. Avail.
49-3023	Automotive Service Technicians and Mechanics Bus and Truck Mechanics and Diesel Engine	2,610	3,030	420	40	50	90	30,857	8.23	17,110	25.88	53,823	32,658	Postsecondary voc.	Cert. Avail.
49-3031	Specialists Mobile Heavy Equipment Mechanics, Except	740	830	90	10	20	30	39,966	13.38	27,839	26.92	55,986	39,406	Postsecondary voc.	Cert. Avail.
49-3042		770	850	80	10	20	20	44,924	13.22	27,493	30.85	64,167	41,208	Postsecondary voc.	
	Rail Car Repairers	230	250	20	0	10	10	42,031	13.05		29.28	60,910	45,951	Long-term Tng. & Exp.	
	Motorcycle Mechanics	110		0	0	0	0	32,632	8.66		26.88	55,911	36,009	Long-term Tng. & Exp.	Cert. Avail.
	Tire Repairers and Changers	380	450	70	10	10	20	24,125	9.13		15.23	31,689	21,998	Short-term Tng. & Exp.	CCIT. Avail.
	Heating, Air Conditioning, and Refrigeration							,	,	,-		,	,,,,		
49-9021	Mechanics and Installers	950	1,020	70	10	20	20	38,211	12.70	26,408	26.01	54,102	38,086	Long-term Tng. & Exp.	Cert. Avail.
	Home Appliance Repairers	380	410	30	0	10	10	36,779	13.42		23.00	47,846	33,596		
	Industrial Machinery Mechanics	1,190	1,460	280	30	20	50	46,393	14.15		33.47	69,607	45,547	Long-term Tng. & Exp.	Cert. Avail.
	Maintenance and Repair Workers, General	5,830	6,290	460	50	10	60	34,339			24.62	51,216	33,524	Long-term Tng. & Exp.	
	Maintenance Workers, Machinery	1,050	1,140	100	10	20	30	35,247	10.25		27.94	58,119	36,931	Long-term Tng. & Exp.	
49-9044	Millwrights	280	310	30	0	0	10	44,360	15.86	32,995	28.27	58,805	43,614	Long-term Tng. & Exp.	Cert. Avail.
	Electrical Power-Line Installers and Repairers	620	630	10	0	20	20	50,370	15.25	31,714	34.54	71,839	49,147	Long-term Tng. & Exp.	
	Telecommunications Line Installers and Repairers Precision Instrument and Equipment Repairers, All	1,080	1,120	30	0	30	30	36,120	9.72		28.78	59,859	38,638	Long-term Tng. & Exp.	
49-9069	Coin, Vending, and Amusement Machine Servicers	450		10	0	10	10	41,611	16.65		24.61	51,198	42,290		Lic. Req.
	and Repairers	140		10	0	0	10	31,088	9.85		19.40	40,347	27,143		
	Locksmiths and Safe Repairers	40	40	10	0	0	0	29,920	11.14		19.42	40,395	31,267	Modterm Tng. & Exp.	
49-9096	HelpersInstallation, Maintenance, and Repair	270		0	0	0	0	51,440	12.67	26,362	38.56	80,195	35,924	Short-term Tng. & Exp.	
49-9098	Installation, Maintenance, and Repair Workers, All	850		90	10	20	30	25,493	7.76		18.04	37,533	24,091	Short-term Tng. & Exp.	
49-9099 51-1011	First-Line Supervisors/Managers of Production and Operating Workers	720 1,860		30 130	10	10 30	10 40	30,724 59,764	10.09 17.15		22.08 43.63	45,929 90,758	36,426 57,144		
	Electrical and Electronic Equipment Assemblers	110		0	0	0	0	26,902	9.93		17.08	35,521	37,378		
	Structural Metal Fabricators and Fitters	430	500	60	10	10	10	40,213	12.08		31.45	65,426	40,063	Modterm Tng. & Exp.	Cert. Avail.
	Team Assemblers	690	820	130	10	10	30	27,639	8.62		19.03	39,582	29,346		
	Assemblers and Fabricators, All Other	160		10	0	0	0	31,137	8.32		25.67	53,399	NA		
51-3011		360	410	60	10	10	10	25,533	7.59		21.68	45,103	21,767	Long-term Tng. & Exp.	
51-3021	Butchers and Meat Cutters Food and Tobacco Roasting, Baking, and Drying	400	410	10	0	10	10	30,564	8.64	17,973	21.67	45,081	26,726	Long-term Tng. & Exp.	
51 2001	Machine Operators and Tenders	60	90	20	0	0	0	23,801	8.35	17,360	15.66	32,563	19,523	Short-term Tng. & Exp.	
	Food Batchmakers	110		10	0	0	0	31,391	8.84		19.04	39,609	21,858		
51-3093	Food Cooking Machine Operators and Tenders Computer-Controlled Machine Tool Operators,	80	90	10	0	0	0	23,318	8.18	17,007	15.28	31,786	21,442	Short-term Tng. & Exp.	
51-4011	Metal and Plastic Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and	80	90	10	0	0	0	42,131	12.72	26,449	28.87	60,040	38,297	Long-term Tng. & Exp.	
51-4033		60	60	0	0	0	0	25,841	8.15	16,942	18.05	37,536	29,744	Modterm Tng. & Exp.	
	Machinists	1,080		90	10	20	30	42,978	14.49		28.90	60,102	40,654		
51-4111	Tool and Die Makers	40	40	0	0	0	0	34,925	12.48	25,959	20.99	43,652	50,340		
51-4121	Welders, Cutters, Solderers, and Brazers Welding, Soldering, and Brazing Machine Setters,	2,820	3,180	360	40	60	100	44,720	13.17	27,398	31.68	65,899	40,790	Postsecondary voc.	Cert. Avail.
51-4122	Operators, and Tenders	160	180	30	0	0	10	31,814	10.43		24.60	51,172	33,153		
51-4192	Lay-Out Workers, Metal and Plastic Plating and Coating Machine Setters, Operators,	50		0	0	0	0	29,420	8.52		21.36	44,424	38,154		
	and Tenders, Metal and Plastic	120	140	20	0	0	10	24,537	9.35		17.39	36,165	25,944		
	Metal Workers and Plastic Workers, All Other	200	130	0	0	0	0	43,420	12.62		29.28	60,908	32,287	Modterm Tng. & Exp.	
	Bindery Workers	50	50	0	0	0	0	22,478	7.80		16.05	33,377	23,029		
	Prepress Technicians and Workers	60	50	0	0	0	0	31,281	11.17		19.94	41,482	30,018		
	Printing Machine Operators	530	510	0	0	10	10	26,954	8.00		21.63	44,989	28,256		
51-6011	Laundry and Dry-Cleaning Workers	980	1,110	130	10	20	40	16,541	6.81	14,175	9.55	19,873	18,112	Modterm Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage 9	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10%	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
								wage	10% 10	10% 11	10% 12				
-											-				
51-6021	Pressers, Textile, Garment, and Related Materials	190	200	10	0	0	0	17,992	7.16	14,894	10.04	20,878	19,246	Short-term Tng. & Exp.	
51-7011	Cabinetmakers and Bench Carpenters	180	220	40	0	10	10	29,408	8.88	18,479	18.76	39,030	28,230	Long-term Tng. & Exp.	
	Sawing Machine Setters, Operators, and Tenders,														
51-7041	Wood	150	170	20	0	0	10	26,668	9.97	20,743	17.11	35,597	28,123	Modterm Tng. & Exp.	
51 7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	140	180	40	0	0	10	30,888	9.61	19.984	19.05	39,628	31.417	Modterm Tng. & Exp.	
	Stationary Engineers and Boiler Operators	190	220	30	0	0	10	38,118	13.24	27,537	25.03	52,060	42,129	Long-term Tng. & Exp.	
51 0021	Water and Liquid Waste Treatment Plant and	1,0	220	50	Ü			30,110	15.21	21,001	25.05	52,000	.2,127	Long term ring, to Exp.	
51-8031	System Operators	410	500	90	10	10	20	33,255	11.27	23,446	22.06	45,891	29,751	Long-term Tng. & Exp.	Lic. Req.
51-8091	Chemical Plant and System Operators	1,670	1,640	0	0	50	50	61,298	23.96	49,830	36.14	75,165	59,714	Long-term Tng. & Exp.	Cert. Avail.
	Petroleum Pump System Operators, Refinery														
	Operators, and Gaugers	1,010	1,110	100	10	30	40	59,764	19.36	40,267	39.22	81,578	58,912		
51-9011	Chemical Equipment Operators and Tenders	1,280	1,430	140	10	30	40	47,115	15.20	31,618	30.47	63,378	48,863	Modterm Tng. & Exp.	Cert. Avail.
51 0021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	190	180	0	0	0	0	40,159	11.55	24,016	29.67	61,717	36,028	Modterm Tng. & Exp.	
	Grinding and Polishing Workers, Hand	30	30	0	0	0	0	23,848	8.18	17,023	14.72	30,617	27,747	Modterm Tng. & Exp.	
31 7022	Inspectors, Testers, Sorters, Samplers, and	50	50	Ü	Ü			25,010	0.10	17,023	11.72	50,017	27,7 17	mod. term riig. te Esp.	
51-9061	Weighers	1,660	1,750	90	10	30	30	37,278	10.53	21,910	29.75	61,875	40,431	Modterm Tng. & Exp.	Lic. Req.
															•
	Jewelers and Precious Stone and Metal Workers	180	210	30	0	0	10	36,992	8	15,650	29	59,740	30,983	Postsecondary voc.	
	Dental Laboratory Technicians	210	240	30	0	0	10	30,946	10.24	21,289	20.18	41,967	28,791	Long-term Tng. & Exp.	
51-9083	Ophthalmic Laboratory Technicians	110	130	20	0	0	0	26,970	10.29	21,401	17.02	35,410	25,752	Modterm Tng. & Exp.	
51-9111	Packaging and Filling Machine Operators and	700	710	0	0	10	10	25,082	8.08	16,815	17.19	35,761	27,579	Short-term Tng. & Exp.	
	Painters, Transportation Equipment	220	240	20	0	0	10	36,747	11.73	24,390	24.40	50,761	38,652	Modterm Tng. & Exp.	
	Painting, Coating, and Decorating Workers	70	100	30	0	0	0	22,710	8.14	16,933	14.51	30,762	22,685	Short-term Tng. & Exp.	
	Photographic Processing Machine Operators	160	80	0	0	10	10	21,659	7.30	15,185	15.24	31,701	22,381	Short-term Tng. & Exp.	
	Molders, Shapers, and Casters, Except Metal and														
51-9195		90	110	20	0	0	0	32,086	11.60	24,125	19.45	40,447	29,563	Modterm Tng. & Exp.	
	Paper Goods Machine Setters, Operators, and														
51-9196		60	80	20	0	0	0	29,828	10.05	20,902	20.42	42,482	37,644	Modterm Tng. & Exp.	
	HelpersProduction Workers Production Workers, All Other	1,880 1,790	2,010 1,820	130 30	10 0	50 40	60 40	24,082 26,585	7.79 8.46	16,198 17,602	15.70 18.99	32,657 39,508	25,052 31,472	Short-term Tng. & Exp.	
31-9199	First-Line Supervisors/Managers of Helpers,	1,790	1,620	30	U	40	40	20,383	8.40	17,002	18.99	39,308	31,472	Modterm Tng. & Exp.	
53-1021	Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation	620	700	80	10	10	20	42,864	14.36	29,876	28.71	59,726	43,835	Work Exp. in a related occ.	
	and Material-Moving Machine and Vehicle														
53-1031	Operators	560	620	60	10	10	20	56,953	16.45	34,222	39.51	82,185	52,393	Work Exp. in a related occ.	
53-2012	Commercial Pilots	140	170	30	0	0	10	68,390	NA	44,256	NA	91,505	68,393	Postsecondary voc.	
	Bus Drivers, Transit and Intercity	20	20	0	0	0	0	27,410	10.02	20,848	17.47	36,337	30,475	Modterm Tng. & Exp.	
	Bus Drivers, School	2,510	2,720	210	20	30	50	17,373	6.89	14,323	10.04	20,889	18,608	Short-term Tng. & Exp.	
	Driver/Sales Workers	860 5,210	840 5,690	480	0 50	20 90	20 140	34,495 35,541	9.79 11.71	20,370 24,359	24.66 26.70	51,287	28,790 35,203	Short-term Tng. & Exp.	I:- D
	Truck Drivers, Heavy and Tractor-Trailer Truck Drivers, Light or Delivery Services	3,580	3,930	480 350	40	60	100	28,155	8.37	17,409	21.42	55,541 44,560	28,162	Modterm Tng. & Exp. Short-term Tng. & Exp.	Lic. Req.
	Taxi Drivers and Chauffeurs	300	340	40	0	0	100	19,458	7.05	14,672	13.17	27,392	22,321	Short-term Tng. & Exp.	
	Sailors and Marine Oilers	1,140	1,360	220	20	40	60	32,905	10.59	22,019	23.58	49,042	38,034	Short-term Tng. & Exp.	Lic. Req.
53-5021	Captains, Mates, and Pilots of Water Vessels	530	660	130	10	10	30	67,135	16.49	34,289	54.64	113,654	73,698	Work Exp. in a related occ.	Lic. Req.
53-6021	Parking Lot Attendants	440	430	0	0	10	10	18,712	6.97	14,505	12.02	25,005	17,594	Short-term Tng. & Exp.	
	Service Station Attendants	130	170	30	0	10	10		7.38	15,347	14.12	29,374	20,300	Short-term Tng. & Exp.	
	Transportation Inspectors	100	120	20	0	0	10	64,875	18.20	37,862	50.65	105,362	69,054	Work Exp. in a related occ.	Lic. Req.
	Crane and Tower Operators	320	350	20	0	10	10	38,731	14.05	29,234	24.03	49,987	44,638	Modterm Tng. & Exp.	Cert. Avail.
53-7031	Dredge Operators	70	70	0	0	0	0	35,528	10.89	22,647	23.84	49,591	38,173	Short-term Tng. & Exp.	
53,7032	Excavating and Loading Machine and Dragline Operators	330	320	0	0	10	10	34,028	11.73	24,388	21.50	44,716	33,639	Modterm Tng. & Exp.	
	Industrial Truck and Tractor Operators	1,600	1,630	20	0	40	40	29,258	9.44	19,628	19.78	41,151	30,788	Short-term Tng. & Exp.	
	Cleaners of Vehicles and Equipment	800	890	100	10		40	22,058	7.12	14,800	16.97	35,303	20,520	Short-term Tng. & Exp.	
	Laborers and Freight, Stock, and Material Movers,				-					,		,	-,-=-	G	
53-7062		9,370	9,770	410	40	300	340	23,067	7.45	15,495	16.32	33,938	22,623	Short-term Tng. & Exp.	
	Machine Feeders and Offbearers	280	280	10	0	10	10	20,643	6.85	14,251	15.71	32,679	26,453	Short-term Tng. & Exp.	
	Packers and Packagers, Hand	980	900	.0	0	10	10	26,025	7.17	14,906	18.19	37,828	21,823	Short-term Tng. & Exp.	
53-7121	Tank Car, Truck, and Ship Loaders	60	80	10	0	0	0	43,538	13.03	27,098	30.51	63,459	42,667	Modterm Tng. & Exp.	

RLMA 2:Ascension, E Baton Rouge, E Feliciana, Iberville, Livingston, Pointe Coupee, St. Helena, Tangipahoa, Washington, W Baton Rouge, W Feliciana

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10
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¹ Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks.

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations

http://online.onetcenter.org/

 $^{^2\,\}mathrm{Title}$ of the occupation.

^{3 2008} Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴ 2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

^{9 2010} Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

Houma - Bayou - Regional Labor Market Area 3 Projections for All Occupations to 2018 (in order by occupational code)

Regional Labor Market Area 3: Assumption, Lafourche, Terrebonne

Houma - Bayou - Regional Labor Market Area 3 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011 Regional Labor Market Area 3: Assumption, Lafourche, & Terrebonne 2010 2010 RLMA RLMA : RLMA 1 RLMA 1 2010 Stat RLMA 1 Hourly 1 Annual Annual Annual Occupationa Оссира Annual Hourly 2008 2018 10 Year Annual Annual Most Significant Source of Educati Total Avg. Wage tional Occupational Title 2 New Replace Annual Avg. Avg. License Avg. Wage Average or Training 15 Estimate Projected Growth Growth ment Openings Average Wage -Wage -Highest Required 16 Lowest Wage 1 Lowest Highest $10\%^{13}$ Wage 10% 11 10% 10 10 % 12 00-0000 Total, All Occupations 108,680 126,350 1.880 11-1011 Chief Executives \$131.687 >\$166.400 \$147,206 Wk Exp.+ Bachelor's or higher degree \$16.39 \$34.088 >\$80.00 2.000 100.794 23.25 48.356 >80.00 >166.400 97.474 Wk Exp. + Bachelor's or higher degree 11-1021 General and Operations Managers 2.120 10 50 15,401 13,985 17.117 18,485 Wk Exp.+ Bachelor's or higher degree 11-1031 Legislators 90 90 0 0 NA NA 78.159 Wk Exp. + Bachelor's or higher degree 11-2021 Marketing Managers 30 30 0 0 72.518 14.43 30.024 58.28 121.228 11-2022 Sales Managers 180 210 0 0 78.859 22.69 47.186 62.00 128.965 81,013 Wk Exp.+ Bachelor's or higher degree 11-3011 Administrative Services Managers 150 180 0 0 57 503 14 55 30.258 42.02 87 395 61.416 Wk Exp.+ Bachelor's or higher degree 11-3021 Computer and Information Systems Managers 30 40 0 0 93,448 24.35 50.646 >80.00 >166,400 81,363 Wk Exp.+ Bachelor's or higher degree 11-3031 Financial Managers 260 300 0 0 80.535 22.31 46.402 63.30 131,666 80,889 Wk Exp.+ Bachelor's or higher degree 11-3041 Compensation and Benefits Managers 30 30 0 57 568 18.17 37,800 40.02 83,233 72,420 Wk Exp.+ Bachelor's or higher degree 11-3051 Industrial Production Managers 70 80 0 81,517 23.65 49,199 64.08 133 294 92 332 Bachelor's degree 11-3061 Purchasing Managers 30 40 0 72,116 23.10 48,051 57.81 120,238 65,759 Wk Exp.+ Bachelor's or higher degree 0 11-3071 Transportation, Storage, and Distribution Managers 130 140 0 0 59,750 20.57 42,789 42.06 87,476 66,553 Work Exp. in a related occ. Lic. Reg. 11-9021 Construction Managers 260 300 0 77,125 20.69 43,040 57.79 120,212 70.313 Bachelor's degree Education Administrators, Elementary and 11-9032 Secondary School 200 60,990 NA 49,566 NA 72.527 67,394 Wk Exp.+ Bachelor's or higher degree 11-9041 Engineering Managers 40 40 110,155 35.77 74,404 77.03 160,229 111,140 Wk Exp.+ Bachelor's or higher degree 0 0 11-9051 Food Service Managers 70 47,923 15.08 31,369 34.58 71.929 Work Exp. in a related occ. 90 0 0 46.814 11-9081 Lodging Managers 40 40 0 38,998 15.87 33.017 22.17 46,108 47,628 Work Exp. in a related occ. Cert. Avail. 0 11-9111 Medical and Health Services Managers 150 170 0 0 63.868 20.04 41.684 47.02 97.792 75,836 Wk Exp.+ Bachelor's or higher degree Lic. Req. Property, Real Estate, and Community Association 11-9141 Managers 34 87 72 535 Bachelor's degree 70 70 Ω 0 9.36 19 478 41 840 48 095 11-9151 Social and Community Service Managers 70 90 Λ 50 868 16.83 35.015 45.25 94.121 50 751 Bachelor's degree 11-9199 Managers, All Other 750 900 150 20 20 69,328 17.84 37,110 50.94 105.959 74.224 Work Exp. in a related occ Purchasing Agents, Except Wholesale, Retail, and 13-1023 Farm Products 250 290 10 44,153 13.90 28,922 31.78 66,093 49.682 Bachelor's degree 13-1031 Claims Adjusters, Examiners, and Investigators 30 40 0 59,933 19.18 39,891 38.26 79,587 63.799 Long-term Tng. & Exp. Compliance Officers, Except Agriculture, 13-1041 Construction, Health and Safety, and Transportation 150 51,613 15.05 31,296 35.46 73,751 50,085 Long-term Tng. & Exp. 13-1051 Cost Estimators 60 0 60,839 15.87 33,009 44.45 92,446 56,845 Bachelor's degree Employment, Recruitment, and Placement Specialists 40 60 0 50,508 14.92 31,029 36.08 75,037 43,648 Bachelor's degree Compensation, Benefits, and Job Analysis 13-1072 Specialists 44,156 14.30 29,743 26.22 54,533 47,625 Bachelor's degree 0 13-1073 Training and Development Specialists 60 80 0 41.433 11.85 24.656 32.47 67.533 45.825 Bachelor's degree 0 Human Resources, Training, and Labor Relations 13-1079 Specialists, All Other 40 40 0 43.139 15.48 32,194 55,326 51.804 0 26,60 Bachelor's degree 13-1111 Management Analysts 140 160 0 60.959 16.68 34.701 46.14 95.974 69,328 Wk Exp.+ Bachelor's or higher degree 13-1199 Business Operations Specialists, All Other 370 490 120 10 0 50 475 7 37 15 331 38 12 79 299 55 418 Bachelor's degree 13-2011 Accountants and Auditors 600 680 10 10 47 540 14 90 30 996 32 24 67.055 55 095 Bachelor's degree Lic. Rea. 13-2072 Loan Officers 160 190 0 0 49.294 11.07 23.034 36.73 76,406 47,436 Bachelor's degree 15-1021 Computer Programmers 50 50 0 0 55,703 17 35 36,080 33.78 70,270 58,126 Bachelor's degree Cert. Avail. 15-1041 Computer Support Specialists 110 140 0 0 39,756 11.36 23,626 30.04 62,481 43,377 Associate degree Cert. Avail. 15-1051 Computer Systems Analysts 50 60 0 0 56,211 16.56 34,451 36.35 75,610 57,502 Bachelor's degree Cert. Avail. 40 60 0 0 56,387 17.79 37,003 38.59 80,275 56,090 15-1071 Network and Computer Systems Administrators Bachelor's degree Cert. Avail. Network Systems and Data Communications 15-1081 Analysts 0 46.204 11.39 23.683 40.94 85,152 55,026 Bachelor's degree 17-1011 Architects, Except Landscape and Naval 30 74,691 24.68 51,328 48.98 101,885 68,303 Bachelor's degree Lic. Req. 0 17-1022 Surveyors 80 100 0 0 50.465 13.19 27.440 38.67 80.437 50.478 Bachelor's degree Lic. Rea. 17-2051 Civil Engineers 120 140 79,335 54.95 114,289 88,136 Bachelor's degree 24.41 50,775 Lic. Req. 0 17-2199 Engineers, All Other 130 140 0 0 83,525 23.62 49,120 64.19 133,513 79,411 Bachelor's degree Lic. Rea. 17-3011 Architectural and Civil Drafters 50 60 0 0 37.851 13.03 27.095 24.81 51.611 44.751 Postsecondary voc. Cert. Avail. 17-3019 Drafters, All Other 100 110 0 0 40.578 13.50 28.084 31.60 65.732 46.200 Postsecondary voc. 17-3022 Civil Engineering Technicians 40 50 0 0 46 400 16 64 34 610 31 53 65 581 48 364 Associate degree 17-3031 Surveying and Mapping Technicians 140 160 20 0 0 30,743 10.82 22,498 19.63 40.835 32,466 Mod.-term Tng. & Exp

0

63 456

39,318

18 29

13.03

Environmental Scientists and Specialists, Including

40

30

19-2041 Health

19-4031 Chemical Technicians

38 042

27.092

46 39

26.34

96 485

54,786

59 260

52,335

Bachelor's degree

Associate degree

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
21-1012	Educational, Vocational, and School Counselors	290	330	40	0	10	10	48,414	17.73	36,873	29.97	62,346	50,457	Bachelor's degree	
	Counselors, All Other	50		10	0	0	0	42,579				57,823	42,965	Master's degree	
21-1021	Child, Family, and School Social Workers	130	150	20	0	0	10	46,159	11.72	24,384	33.96	70,627	49,001	Bachelor's degree	Lic. Req.
21-1022	Medical and Public Health Social Workers	30	40	10	0	0	0	45,140	16.95	35,256	28.34	58,952	44,707	Bachelor's degree	Lic. Req.
21 1022	Mental Health and Substance Abuse Social	40	50	10	0	0	0	25 107	13.13	27,308	20.25	42.110	40,527	34	
21-1023	Social and Human Service Assistants	320		100	10	0	10	35,107 25,469			17.59	42,119 36,597	32,052	Master's degree Modterm Tng. & Exp.	
21 10,55	Community and Social Service Specialists, All	320	120	100	10	Ü	10	25,107	7.01	13,075	17.57	30,377	32,032	mod. term riig. te Estp.	
21-1099	Other	180		60	10	0	10	35,228			24.89	51,771	33,276	Bachelor's degree	
23-1011		290		40	0	10	10	75,779			57.00	118,552	94,625	First professional degree	Lic. Req.
25-2011	Preschool Teachers, Except Special Education	90	110	10	0	0	0	20,310	6.95	14,449	12.79	26,606	21,691	Bachelor's degree	Cert. Avail.
25-2012	Kindergarten Teachers, Except Special Education Elementary School Teachers, Except Special	180	210	30	0	0	10	43,126	NA	35,647	NA	52,316	44,476	Bachelor's degree	Cert. Avail.
25-2021	Education	2,080	2,630	550	60	50	100	42,847	NA	35,363	NA	52,062	44,622	Bachelor's degree	Lic. Req.
25-2023	Vocational Education Teachers, Middle School	50	50	0	0	0	0	45,840	NA	36,259	NA	54,454	45,742	Wk Exp.+ Bachelor's or higher degree	
25 2021	Secondary School Teachers, Except Special and	020		400	20	20		10.155		25.224		50 500	16.150		** B
25-2031	Vocational Education	820	1,010	180	20	30	40	43,455	NA	35,234	NA	53,539	46,159	Bachelor's degree	Lic. Req.
25-2032	Vocational Education Teachers, Secondary School Special Education Teachers, Preschool,	90	90	0	0	0	0	46,425	NA	36,576	NA	56,728	48,615	Bachelor's degree	
	Kindergarten, and Elementary School	60	70	10	0	0	0	44,517	NA	36,328	NA	53,031	46,244	Bachelor's degree	Cert. Avail.
25-2043	Special Education Teachers, Secondary School	490	540	50	10	10	20	42,569	NA		NA	52,282	46,290	Bachelor's degree	Cert. Avail.
	Self-Enrichment Education Teachers	120		30	0	0	0	43,711	15.13		25.97	54,023	40,531	Work Exp. in a related occ.	
	Teachers and Instructors, All Other Librarians	420 130		50 10	10	10 0	10 10	39,081 41,565	NA 13.42		NA 25.42	51,844 52,864	47,340 48,201	Bachelor's degree Master's degree	Lic. Req.
	Library Technicians	50		0	0	0	0	24,954			18.61	38,708	25,866	Short-term Tng. & Exp.	Lic. Req.
	Instructional Coordinators	120		30	0	0	10	47,935			29.55	61,458	48,032	Master's degree	
	Teacher Assistants	830		70	10	10	20	16,987	NA		NA	20,478	17,990	Short-term Tng. & Exp.	Cert. Avail.
	Floral Designers	80		0	0	0	0	23,787	7.12		16.77		23,044	Modterm Tng. & Exp.	
	Graphic Designers Coaches and Scouts	50 100		10 20	0	0	10	34,200 31,741	12.05 NA		22.89 NA	47,614 56,957	36,606 41,262	Bachelor's degree Long-term Tng. & Exp.	
	Reporters and Correspondents	30		20	0	0	0	32,426				49,152	46,441	Bachelor's degree	
	Photographers	80		10	0	0	0	25,710				42,107	27,587	Long-term Tng. & Exp.	
29-1031	Dietitians and Nutritionists	60		20	0	0	0	52,995			40.51	84,263	45,081	Bachelor's degree	Lic. Req.
	Optometrists	30		10	0	0	0	173,034	44.05			>166,400	144,374	First professional degree	Lic. Req.
	Pharmacists	170 30	200 30	30 10	0	0	10	103,537 196,723	39.85 68.31	82,882 142,089	62.74 >80.00	130,491	102,448 182,792	First professional degree	Lic. Req.
	Family and General Practitioners Physicians and Surgeons, All Other	160		50	10	0	10	222,854	79.21	164,757	>80.00	>166,400 >166,400	190,503	First professional degree First professional degree	Lic. Req. Lic. Req.
	Registered Nurses	1,370		260	30	20	50	58,604	21.47		36.13	75,160	60,721	Associate degree	Lic. Req.
	Occupational Therapists	20		0	0	0	0	61,985			45.38	94,395	70,945	Bachelor's degree	Lic. Req.
	Physical Therapists	70		30	0	0	0	81,829			49.95	103,894	77,994	Master's degree	Lic. Req.
	Respiratory Therapists	70		10 10	0	0	0	42,684				53,339	48,767	Associate degree	Lic. Req.
	Medical and Clinical Laboratory Technologists Medical and Clinical Laboratory Technicians	90 90		10	0	0	0	49,730 33,388			30.76 24.35	63,971 50,639	48,950 32,526	Bachelor's degree Associate degree	Lic. Req.
	Dental Hygienists	70		30	0	0	0	39,175			27.94	58,113	56,404	Associate degree	Lic. Req.
	Cardiovascular Technologists and Technicians	30		10	0	0	0	35,903	10.99		24.19	50,325	39,186	Associate degree	
	Diagnostic Medical Sonographers	30		0	0	0	0	56,488			36.65	76,227	58,984	Associate degree	
	Radiologic Technologists and Technicians	100		10	0	0	0	44,935			26.73	55,601	47,836	Associate degree	Lic. Req.
	Emergency Medical Technicians and Paramedics	120		30 60	0 10	0 10	0	30,172			19.78	41,145	33,706	Postsecondary voc.	Lic. Req.
	Pharmacy Technicians Surgical Technologists	210 50		60 10	0	0	10	24,960 37,791	8.76 13.69		15.04 23.21	31,278 48,270	27,344 37,644	Modterm Tng. & Exp. Postsecondary voc.	Lic. Req.
	Licensed Practical and Licensed Vocational Nurses	900		190	20	30	40	40,210			25.46	52,948	37,564	Postsecondary voc.	Lic. Req.
20.2071	Medical Records and Health Information	110	120	20			10	20 271	0.50	17.050	21.61	44.051	20 555	Ai-t- d	Cont. Acces
	Technicians Opticians, Dispensing	110 50		20 0	0	0	10 0	28,271 30,214	8.59 8.22		21.61 24.50	44,951 50,965	28,555 29,866	Associate degree Long-term Tng. & Exp.	Cert. Avail.
20.2000	Health Technologists and Technicians, All Other	130	150	20	0	0	0	26,742	6.98	14,513	23.10	48,045	35,561	Long-term Tng. & Exp.	Lic. Req.
	Occupational Health and Safety Specialists	70		∠0 0	0	0	0	57,251	12.26			48,045 81,401	65,011	Bachelor's degree	ыс. кец.
	Home Health Aides	190	290	100	10	0	10	19,980			11.26		18,934	Short-term Tng. & Exp.	Cert. Avail.
31-1012	Nursing Aides, Orderlies, and Attendants	1,180	1,390	200	20	10	30	23,391	7.38	15,356	15.57	32392	19,829	Short-term Tng. & Exp.	Lic. Req.
	Physical Therapist Assistants	20		10	0	0	0	34,035			23.44	48,758	42,071	Associate degree	Lic. Req.
	Physical Therapist Aides	40		10	0	0	0	22,832			14.38	29,920	22,287	Short-term Tng. & Exp.	Lic. Req.
31-9091	Dental Assistants	200	270	70	10	0	10	24,224	8.53	17,739	15.64	32,529	27,984	Modterm Tng. & Exp.	

								2040	2010	2010	2010	2040 DY 144			
Occupa-					Annual	Annual	Annual	2010 RLMA 1	RLMA 1 Hourly	RLMA 1	RLMA 1 Hourly	2010 RLMA 1 Annual	2010 State		Occupational
tional	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth 5	New	Replace-	Total	Annual	Avg.	Annual Avg. Wage -	Avg.	Avg. Wage -	Annual Average	Most Significant Source of Education or Training 15	License
Code 1		Estimate	Frojecteu	Growin	Growth 6	ment 7	Openings 8	Average Wage 9	Wage - Lowest	Lowest	Wage - Highest	Highest 10% ¹³	Wage 14	or training	Required 16
								wage	10% 10	10% 11	10% ¹²	10%			
	Medical Assistants	270	380	110	10					17,966	15.36	31,957	25,506		Cert. Avail.
	Medical Equipment Preparers Medical Transcriptionists	30 30	30 40	0	0	0	(23,935 28,038		18,121 21,544	15.24 17.39	31,690 36,174			
31-7074	Veterinary Assistants and Laboratory Animal	50	40	U	0	U	,	20,030	10.50	21,344	17.59	30,174	29,210	rosisecondary voc.	
31-9096	Caretakers	30	30	0	0	0	(24,489	9.66	20,091	14.83	30,842	22,780	Short-term Tng. & Exp.	
31-9099	Healthcare Support Workers, All Other	70	90	20	0	0	(24,407	8.67	18,044	15.46	32,148	25,805	Short-term Tng. & Exp.	Lic. Req.
22 1012	First-Line Supervisors/Managers of Police and	60	70	10		0	,	40.466	15.00	22.447	34.70	70.166	61.410	W I E	
	Detectives Correctional Officers and Jailers	220	230	10 10	0	10	10	48,466 33,192			34.70 22.14	72,166 46,053			
	Detectives and Criminal Investigators	50	60	10	0	0	10	42,001	14.77	30,725	27.18	56,525			
	Police and Sheriff's Patrol Officers	480	510	30	0	10	20				24.07	50,067		Long-term Tng. & Exp.	
	Private Detectives and Investigators	100	100	0	0	0	(37,835			23.57	49,025			Lic. Req.
	Security Guards	360	490	120	10						15.00	31206			Lic. Req.
	Crossing Guards	40	30	0	0	0		21,874			14.82	30,821	20,753		
35-1011	Chefs and Head Cooks First-Line Supervisors/Managers of Food	160	210	40	0	0	10	33,703	9.04	18,794	24.91	51,810	37,973	Postsecondary voc.	
35-1012	Preparation and Serving Workers	620	790	170	20	10	20	27,618	8.86	18,420	19.53	40,630	28,307	Work Exp. in a related occ.	
	Cooks, Fast Food	370	470	100	10					14,155	9.76	20,301	16,156		
	Cooks, Institution and Cafeteria	590	630	40	0	20					11.03	22,934			
	Cooks, Restaurant	520	680	170	20						12.36	25,718			
	Cooks, Short Order	170	200	30	0	10					10.64	22,131	17,567		
	Cooks, All Other	260 1,340	320 1,710	60 380	10 40						17.16 11.00	35,697 22,872		0 1	
	Food Preparation Workers Bartenders	320	410	380 90	10						11.00	22,883			
33-3011	Combined Food Preparation and Serving Workers,	320	410	70	10	10	20	10,750	0.77	14,110	11.00	22,003	17,007	Short-term ring, & Exp.	
35-3021	Including Fast Food	680	960	270	30	10	40	15,772	6.77	14,091	8.76	18,231	16,638	Short-term Tng. & Exp.	
35-3031	Waiters and Waitresses	1,260	1,640	390	40	70	110	15,675	6.75	14,048	8.65	17,993		Short-term Tng. & Exp.	
	Food Servers, Nonrestaurant	100	120	20	0	0		15,711	6.80		8.76	18,222			
35-9021	Dishwashers	250	320	70	10	10	20	16,055	6.78	14,096	9.04	18,799	16,289	Short-term Tng. & Exp.	
25 0021	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	200	270	60	10	10	20	15,540	6.76	14,062	8.75	18,199	17,131	Short-term Tng. & Exp.	
33-9031	First-Line Supervisors/Managers of Housekeeping	200	270	00	10	10	20	13,540	0.70	14,002	0.75	10,199	17,131	Short-term ring, & Exp.	
37-1011	and Janitorial Workers	90	110	20	0	0	(28,118	10.37	21,566	18.46	38,397	30,005	Work Exp. in a related occ.	Cert. Avail.
25 1012	First-Line Supervisors/Managers of Landscaping,	120	1.10	20				25.015	10.00	21.551	45.05	27.125	21200		
37-1012	Lawn Service, and Groundskeeping Workers Janitors and Cleaners, Except Maids and	120	140	20	0	0	(27,015	10.36	21,554	17.85	37,125	34,298	Work Exp. in a related occ.	
37-2011	Housekeeping Cleaners	1,520	1,870	350	40	30	60	21,150	7.22	15,014	13.10	27,243	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	540	580	40	0	10					10.78	22,413			
	Pest Control Workers	80	110	30	0	0	10	29,503	7.96		25.94	53,964	28,434		
	Landscaping and Groundskeeping Workers	400	500	100	10						15.14	31,488			Cert. Avail.
37-3019	Grounds Maintenance Workers, All Other	150	160	10	0	0	(25,574	7.27	15,126	17.39	36,174	26,383	Short-term Tng. & Exp.	
20.1021	First-Line Supervisors/Managers of Personal	100	110	10			,	20.002	0.12	10.064	10.60	20.070	24.052	W LE : Le l	
	Service Workers Nonfarm Animal Caretakers	100 30	110 40	10 10	0	0		28,803 17,478			18.69 11.43	38,878 23,772			
	Child Care Workers	500	610	110	10	-					9.09	18,910			Cert. Avail.
	Personal and Home Care Aides	590	900	300	30						10.75	22,370			Cert. Avail.
39-9032	Recreation Workers	90	110	10	0	0	(24,757	8.23	17,124	17.44	36,269	22,897	Short-term Tng. & Exp.	
	Personal Care and Service Workers, All Other	140	120	0	0	0	(17,441	6.82	14,192	11.83	24,603	18,604	Modterm Tng. & Exp.	
	First-Line Supervisors/Managers of Retail Sales	4.740	4 500			40		22.510	10.02	20.054	24.40	50.000	24.002		
41-1011	Workers First-Line Supervisors/Managers of Non-Retail	1,710	1,700	0	0	40	40	33,549	10.03	20,854	24.48	50,926	34,002	Work Exp. in a related occ.	
	Sales Workers	160	170	10	0	0	(71,094	20.87	43,406	56.07	116,624	56,264	Work Exp. in a related occ.	
41-2011		3,400	3,190	0	0	160					10.02	20,851	16,729		
41-2021	Counter and Rental Clerks	620	730	100	10		30				18.43	38,337	22,702		
41-2022	Parts Salespersons	220	230	0	0	0	(26,708		14,700	21.12	43,930		Modterm Tng. & Exp.	
	Retail Salespersons	2,860	3,110	250	30					14,571	17.81	37,047	22,803		
	Advertising Sales Agents	120	150	30	0	0		34,431	7.48		25.32	52,664	34,071		
41-3021	Insurance Sales Agents Securities, Commodities, and Financial Services	330	400	70	10	10	10	48,239	12.41	25,808	38.03	79,109	44,901	Bachelor's degree	
41-3031	Sales Agents	60	60	0	0	0	(111,183	12.19	25,359	>80.00	>166,400	72,964	Bachelor's degree	
	Sales Representatives, Services, All Other	130	150	30	0	0					30.54	63,522			
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	Sales Representatives, Wholesale and														
41-4011	Manufacturing, Technical and Scientific Products	240	290	50	10	10	10	70,477	16.35	33,999	56.88	118,320	65,875	Modterm Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ² Sales Representatives, Wholesale and	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Manufacturing, Except Technical and Scientific														
41-4012		810	930	110	10	20	30	50,907	13.99	29,102	38.14	79,324	52,664	Modterm Tng. & Exp.	
41-9022	Real Estate Sales Agents	120	130	10	0	0	0	37,928	12.16	25,297	27.63	57,476	37,705		Lic. Req.
41-9099	Sales and Related Workers, All Other	20	30	10	0	0	0	37,470	8.64	17,971	37.98	78,997	36,634	Modterm Tng. & Exp.	Lic. Req.
	First-Line Supervisors/Managers of Office and														
43-1011	Administrative Support Workers	950	1,010	70	10	20	30	41,743	12.37	25,737	31.80	66,136	40,655	Work Exp. in a related occ.	
43-2011	Switchboard Operators, Including Answering	140	140	0	0	0	0	23,222	7.83	16,281	16.24	33,770	22,564	Short-term Tng. & Exp.	
	Bill and Account Collectors	100		20	0	0	0	26,608		19,235	16.24				
45-5011	Bit and Account Concetors	100	120	20	0	· ·	Ü	20,000	7.23	17,233	10.05	33,376	27,070	Short-term ring, & Exp.	
43-3021	Billing and Posting Clerks and Machine Operators	320	360	40	0	0	10	27,607	9.53	19,820	17.79	37,000	28,147	Short-term Tng. & Exp.	
	Bookkeeping, Accounting, and Auditing Clerks	1,400		210	20	20	40	30,802			21.19				
	Payroll and Timekeeping Clerks	160		10	0	0	10	30,191	10.15		18.90	39,311			
	Procurement Clerks	40	40	0	0	0	0	32,866			20.43				
43-3071		620		120	10	30	40	21,366			12.60			Short-term Tng. & Exp.	
	Customer Service Representatives	810		270	30 0	20	50				21.30			Modterm Tng. & Exp.	
	File Clerks Hotel, Motel, and Resort Desk Clerks	110 160	80 190	30	0	10	10	19,288 17,454			12.37 10.60	25,721 22,042			
	Interviewers, Except Eligibility and Loan	110		10	0	0	10	24,063			14.56	30,279			
	Loan Interviewers and Clerks	130		10	0	0	0	27,067	8.48		18.80			Short-term Tng. & Exp.	
	New Accounts Clerks	60	60	0	0	0	0	29,128			17.53				
43-4151	Order Clerks	120	100	0	0	0	0	33,832			26.60				
	Human Resources Assistants, Except Payroll and														
	Timekeeping	80		10	0	0	0	32,104			21.68				
	Receptionists and Information Clerks	930		170	20	20	40	20,146		14,906	12.86				Cert. Avail.
	Information and Record Clerks, All Other	30 80		0 10	0	0	0	31,311	9.61	19,990	19.98 15.53	41,552			
43-3031	Police, Fire, and Ambulance Dispatchers	80	90	10	U	0	0	24,780	8.62	17,923	15.55	32,299	26,752	Modterm Tng. & Exp.	
43-5032	Dispatchers, Except Police, Fire, and Ambulance	450	500	50	10	10	20	33,750	8.46	17,592	25.93	53,927	33,250	Modterm Tng. & Exp.	
	Meter Readers, Utilities	30		0	0	0	0	29,713			18.39				
43-5061	Production, Planning, and Expediting Clerks	100	120	20	0	0	10	45,370	11.68	24,287	35.01	72,825	42,143	Short-term Tng. & Exp.	
	Shipping, Receiving, and Traffic Clerks	430		50	10	10	20	29,342		17,916	21.87	45,484			
43-5081	Stock Clerks and Order Fillers	1,090	980	0	0	30	30	20,817	7.06	14,691	14.72	30,618	21,474	Short-term Tng. & Exp.	
	Weighers, Measurers, Checkers, and Samplers,		50					22.525		4400	46.40	24.20	20.126	m	
43-5111	Recordkeeping	70	50	0	0	0	0	23,625	7.12	14,807	16.49	34,307	29,126	Short-term Tng. & Exp.	Lic. Req.
43-6011	Executive Secretaries and Administrative Assistants	750	870	130	10	10	30	35,212	11.22	23,346	24.22	50,379	35,801	Modterm Tng. & Exp.	Cert. Avail.
	Legal Secretaries	80	90	10	0	0	0	31,455		21,648	22.27	46,324			Cert. Avaii.
	Medical Secretaries	40		10	0	0	0	22,856		17,287	13.76				
														Ť	
43-6014	Secretaries, Except Legal, Medical, and Executive	2,470	2,620	160	20	40	60	26,385	8.59	17,862	17.59	36,580	26,634	Modterm Tng. & Exp.	Cert. Avail.
	Computer Operators	50		0	0	0	0	35,495			25.28				
43-9021	Data Entry Keyers	120	120	0	0	0	0	23,025	8.32	17,303	14.44	30,032	25,400	Modterm Tng. & Exp.	
12 0051	Mail Clerks and Mail Machine Operators, Except	20	20	0	0	0		17.745	6.02	14212	11.88	24 702	24,292	Cl T 0.F	
	Postal Service Office Clerks, General	20 2,040		350	40	40	70	17,745 20,672		14,212 14,649	13.86		21,555		
45-7001	Office and Administrative Support Workers, All	2,040	2,570	350	40	40	70	20,072	7.04	14,047	15.00	20,021	21,555	Short-term ring, & Exp.	
43-9199		60	50	0	0	0	0	32,024	10.92	22,718	20.64	42,930	31,927	Short-term Tng. & Exp.	
	First-Line Supervisors/Managers of Construction									, ,		,			
47-1011	Trades and Extraction Workers	720	780	60	10	10	20	58,894	18.92	39,348	40.78	84,830	56,840	Work Exp. in a related occ.	
	Carpenters	920		170	20	10	30	35,587	11.99	24,936	24.39				Cert. Avail.
	Cement Masons and Concrete Finishers	40		10	0	0	0	28,101	9.14		17.71	36,838			
47-2061	Construction Laborers	640	690	60	10	10	10	24,941	8.37	17,408	15.54	32,331	26,445	Modterm Tng. & Exp.	Cert. Avail.
47.2071	Paving, Surfacing, and Tamping Equipment	50	60	0	0			22.004	10.70	22.426	26.24	54.500	22.222	M.I. T. O.F.	
47-2071	Operators Operating Engineers and Other Construction	50	60	0	0	0	0	32,904	10.78	22,426	26.24	54,582	33,222	Modterm Tng. & Exp.	
47-2073	Equipment Operators	710	820	110	10	10	30	37,586	12.51	26,028	22.46	46,711	37,325	Modterm Tng. & Exp.	Cert. Avail.
	Electricians	640		110	10	20	30	45,984			35.59				Lic. Req.
	Painters, Construction and Maintenance	610		200	20	10	30	33,614			19.58				Cert. Avail.
	Plumbers, Pipefitters, and Steamfitters	900		310	30	20	50	38,207	9.31	19,370	25.34				Lic. Req.
	Sheet Metal Workers	180		60	10	0	10	39,242			27.37	56,935			Cert. Avail.
	Structural Iron and Steel Workers	100	150	50	10	0	10	33,777	12.60		20.41	42,460			
	HelpersElectricians	100		20	0	0	10	25,978			17.47	36,334			
	HelpersPainters, Paperhangers, Plasterers, and							I							
47 2014	Stucco Masons	50	60	10	0	0	0	24,877	9.12	18,961	14.97	31,144	24,489	Short-term Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10 % 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	HelpersPipelayers, Plumbers, Pipefitters, and														
	Steamfitters	240 80	300 100	60 20	10 0	10 0	10	25,558 22,096	8.62 8.45	17,932 17,584	15.72 13.11	32,697	29,025 26,183		
	Helpers, Construction Trades, All Other Construction and Building Inspectors	30		10	0	0	0	36,386	12.10		23.88	27,277 49,675	50,772		Lic. Req.
	Construction and Related Workers, All Other	30	40	10	0	0	0	32,666	10.29	21,402	23.19	48,232	29,733		Lic. Keq.
	Derrick Operators, Oil and Gas	310	300	0	0	0	0	49,270	13.83	28,776	32.06	66,677	45,482	Modterm Tng. & Exp.	
	Rotary Drill Operators, Oil and Gas	480	450	0	0	10	10	64,557	17.15		40.46	84,165	60,521		
47-5013	Service Unit Operators, Oil, Gas, and Mining	540	580	40	0	10	10	47,186	15.80	32,866	33.09	68,828	42,596		
	Roustabouts, Oil and Gas	720	760	40	0	20	30	38,931	11.77	24,474	24.87	51,720	31,819	Modterm Tng. & Exp.	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers Telecommunications Equipment Installers and	640	720	80	10	20	20	56,900	16.84	35,036	39.86	82,903	55,592	Work Exp. in a related occ.	
49-2022	Repairers, Except Line Installers Electrical and Electronics Repairers, Commercial	60	60	0	0	0	0	32,991	10.62	22,084	27.21	56,597	45,338	Postsecondary voc.	
49-2094	and Industrial Equipment	30	30	0	0	0	0	37,767	9.32	19,377	27.59	57,385	55,943		
	Aircraft Mechanics and Service Technicians	180	200	20	0	0	0	51,413	16.27	33,850	33.59	69,865	49,905		
49-3021	Automotive Body and Related Repairers	100	110	10	0	0	0	42,315	11.38	23,677	34.88	72,557	34,332	Long-term Tng. & Exp.	Cert. Avail.
	Automotive Service Technicians and Mechanics Mobile Heavy Equipment Mechanics, Except	410	480	70	10	10	20	39,965	10.69	22,245	30.51	63,466	32,658	Postsecondary voc.	Cert. Avail.
49-3042		580	670	90	10	10	20	42,675	14.33	29,815	28.13	58,514	41,208	Postsecondary voc.	
	Motorboat Mechanics Outdoor Power Equipment and Other Small Engine	50		10	0	0	0	37,975	13.03	27,111	26.00		29,445	0 0 .	Cert. Avail.
	Mechanics Heating, Air Conditioning, and Refrigeration	30	20	0	0	0	0	30,439	10.78		18.97	39,463	24,726		Cert. Avail.
	Mechanics and Installers	180 30	220 30	40	0	0	10	40,527 31,985	13.07 9.85	27,195 20,485	25.65 21.52	53,345 44,764	38,086 33,596		Cert. Avail.
	Home Appliance Repairers Industrial Machinery Mechanics	540	670	130	10	10	20	42,729	14.94		29.71	61,792	45,547		Cert. Avail.
	Maintenance and Repair Workers, General	1,550	1.740	190	20	0	20	36,122	9.57	19.915	24.96	51,918	33,524		con. man.
	Maintenance Workers, Machinery	240	230	0	0	0	0	36,146	9.76	20,292	29.19	60,717	36,931		
	Millwrights	30	40	10	0	0	0	45,881	17.27	35,915	28.78	59,862	43,614		Cert. Avail.
	Electrical Power-Line Installers and Repairers	80	80	0	0	0	0	51,475	12.60		34.50	71,753	49,147		
49-9096		50 690	60 750	10 70	0 10	0	0 10	41,282 33,457	11.94 7.29	24,838 15,168	31.93 27.17	66,425 56,513	38,638 35,924		
49-9098	HelpersInstallation, Maintenance, and Repair Workers Installation, Maintenance, and Repair Workers, All	500	560	60	10	10	20	23,812	8.25	17,168	14.85	30,887	24,091	Short-term Tng. & Exp.	
49-9099		240	260	20	0	0	0	29,651	7.16	14,901	24.09	50,110	36,426	Long-term Tng. & Exp.	
	Operating Workers	820	980	160	20	10	30	55,010	17.05		38.63	80,352	57,144		
	Structural Metal Fabricators and Fitters	530	720	190	20	10	30	45,209	15.22		34.36		40,063		Cert. Avail.
51-2092 51-3011	Team Assemblers	160 270	220 310	60 40	10 0	0 10	10 10	39,178 18,846	11.73 7.50	24,389 15,604	23.93 11.10	49,777 23,091	29,346 21,767		
	Food Cooking Machine Operators and Tenders	30	20	40	0	0	0	24,340	7.45	15,498	19.19	39,905	21,767		
	Computer-Controlled Machine Tool Operators, Metal and Plastic	180	260	70	10	0	10	37,552	13.58		23.13		38,297		
	Cutting, Punching, and Press Machine Setters,														
	Operators, and Tenders, Metal and Plastic	80	100	30	0	0	10	36,634	13.35		22.54	46,887	32,171		
	Machinists	840	1,090	250	30	10	40	39,241	12.30		25.57	53,180	40,654		G "
	Welders, Cutters, Solderers, and Brazers Job Printers	3,130 20	4,230 20	1,100	110 0	70 0	180	39,160 36,746	13.65 12.23	28,390 25,445	24.24 24.23	50,426 50,404	40,790 29,799		Cert. Avail.
51-6011	Laundry and Dry-Cleaning Workers Water and Liquid Waste Treatment Plant and	130		20	0	0	10	15,600	6.76		8.78	18,258	18,112		
51-8031	System Operators Petroleum Pump System Operators, Refinery	110	120	10	0	0	0	30,167	10.29	21,412	19.39	40,325	29,751	Long-term Tng. & Exp.	Lic. Req.
51-8093	Operators, and Gaugers	440	420	0	0	10	10	48,888	13.01	27,053	32.60	67,812	58,912	Long-term Tng. & Exp.	
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders Crushing, Grinding, and Polishing Machine Setters,	150	120	0	0	0	0	26,133	9.42	19,588	19.25	40,050	36,690	Modterm Tng. & Exp.	
51-9021	Operators, and Tenders Inspectors, Testers, Sorters, Samplers, and	40	30	0	0	0	0	27,434	9.07	18,871	17.51	36,418	36,028		
51-9061		340	410	70	10	10	10	43,794	12.84		30.38		40,431		Lic. Req.
	Dental Laboratory Technicians	30	40	20	0	0	0	24.252	6.85	14.254	17.34	36,063	28,791	Long-term Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% ¹²	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Painters, Transportation Equipment	180	230	50	10	0		35,394	12.67	26,364	24.58	51,120	38,652	Modterm Tng. & Exp.	
	HelpersProduction Workers	990	1,260	270	30	20	50	24,988	9.63	20,024	15.02	31,244	25,052	Short-term Tng. & Exp.	
	Production Workers, All Other	380	450	80	10	10	20	29,182	8.15	16,959	21.72	45,180	31,472	Modterm Tng. & Exp.	
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	260	290	30	0	10	10	50,105	15.54	32,332	32.39	67,367	43,835	Work Exp. in a related occ.	
53-1031	Operators	250	310	60	10	10	10	49,672	13.74	28,585	37.80	78,633	52,393	Work Exp. in a related occ.	
53-2012	Commercial Pilots	330	380	50	10	10	20	70,097	NA	41,632	NA	102,804	68,393	Postsecondary voc.	
53-3022	Bus Drivers, School	510	560	50	10	10	10	17,923	7.01	14,584	10.06	20,919	18,608	Short-term Tng. & Exp.	
53-3031	Driver/Sales Workers	200	190	0	0	0	0	20,378	6.84	14,219	17.37	36,134	28,790	Short-term Tng. & Exp.	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,640	2,180	540	50	30	80	30,855	9.63	20,029	21.96	45,669	35,203	Modterm Tng. & Exp.	Lic. Req.
53-3033	Truck Drivers, Light or Delivery Services	940	1,110	170	20	20	30	27,593	7.87	16,375	20.23	42,075	28,162	Short-term Tng. & Exp.	
53-3041	Taxi Drivers and Chauffeurs	370	480	110	10	10	20	18,034	6.83	14,212	11.82	24,592	22,321	Short-term Tng. & Exp.	
53-5011	Sailors and Marine Oilers	2,920	3,750	830	80	100	190	41,115	12.30	25,576	28.30	58,868	38,034	Short-term Tng. & Exp.	Lic. Req.
53-5021	Captains, Mates, and Pilots of Water Vessels	3,870	5,130	1,260	130	100	230	75,082	17.26	35,910	54.12	112,564	73,698	Work Exp. in a related occ.	Lic. Req.
53-5031	Ship Engineers	630	840	200	20	20	40	62,271	15.38	31,984	43.71	90,926	64,227	Postsecondary voc.	
53-7021	Crane and Tower Operators	450	500	50	10	10	10	54,241	14.75	30,688	42.13	87,633	44,638	Modterm Tng. & Exp.	Cert. Avail.
53-7051	Industrial Truck and Tractor Operators	430	440	10	0	10	10	31,867	10.31	21,440	21.92	45,585	30,788	Short-term Tng. & Exp.	
	Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material Movers,	130	150	20	0	10	10	20,295	7.12	14,802	13.06	27,158	20,520	Short-term Tng. & Exp.	
53-7062	Hand	3,190	3,410	220	20	100	120	23,316	7.78	16,188	15.31	31,838	22,623	Short-term Tng. & Exp.	
53-7064	Packers and Packagers, Hand	320	280	0	0	0	0	18,792	6.80	14,150	13.90	28,907	21,823	Short-term Tng. & Exp.	
53-7072	Pump Operators, Except Wellhead Pumpers	180	170	0	0	10	10	37,742	7.26	15,102	25.24	52,508	46,481	Modterm Tng. & Exp.	

Regional Labor Market Area 3: Assumption, Lafourche, Terrebonne

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10
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¹ Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks.

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

http://online.onetcenter.org/

 $^{^2\,\}mathrm{Title}$ of the occupation.

^{3 2008} Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

⁷ Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

^{9 2010} Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

(by SOC code)
RLMA 4: Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Mary, St. Martin, Vermilion

Lafayette - Acadiana - Regional Labor Market Area 4 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011

Regional Labor Market Area 4: Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Mary, St. Martin, & Vermilion

		Region	ıal Labor Mar	Act Micu T	· meaning	Lvangen	ne, neme, n	sayaryerre, is	n. Lanary	, 51. 11141),	on munitin	, cc remine			
Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings 8	2010 RLMA 1 Annual Average	2010 RLMA 1 Hourly Avg. Wage -	2010 RLMA 1 Annual Avg. Wage	2010 RLMA 1 Hourly Avg. Wage -	2010 RLMA 1 Annual Avg. Wage - Highest	2010 State Annual Average	Most Significant Source of Education or Training ¹⁵	Occupational License Required 16
							-1 - 0	Wage 9	Lowest	Lowest 10% 11	Highest	10% 13	Wage 14		1
								Ü	10% 10	10% "	10% 12				
	Total, All Occupations	293,230	330,610	39,370	3,940	6,700	10,640								
	Chief Executives	180	180	10	0	10	10	\$159,212				>\$166,400		Wk Exp.+ Bachelor's or higher degree	
	General and Operations Managers	5,480 210	5,650	170	20	130	150	98,874	21.18		>80.00	>166,400		Wk Exp.+ Bachelor's or higher degree	
	Legislators Advertising and Promotions Managers	60	220 60	10	0	0	10	18,207 49,759	NA 14.12		NA 31.87	19,122 66,287		Wk Exp.+ Bachelor's or higher degree Wk Exp.+ Bachelor's or higher degree	
	Marketing Managers	110	140	20	0	0	10	84,421	23.31			135,905		Wk Exp.+ Bachelor's or higher degree	
	Sales Managers	740	840	100	10		30	79,422	22.60			127,922		Wk Exp.+ Bachelor's or higher degree	
	Public Relations Managers	40	50	10	0	0	0	60,617	16.47		43.97	91,454		Wk Exp.+ Bachelor's or higher degree	
	Administrative Services Managers	330	370	50	10	10	10	65,216	14.83			98,422		Wk Exp.+ Bachelor's or higher degree	
11-3021	Computer and Information Systems Managers	150	190	40	0	0	10	81,122	23.19		55.93	116,325	81,363	Wk Exp.+ Bachelor's or higher degree	Cert. Avail.
	Financial Managers	680	780	110	10	10	20	82,275	22.29		62.99	131,023		Wk Exp.+ Bachelor's or higher degree	
	Compensation and Benefits Managers	60	60	10	0	0	0	66,914	17.97			90,453		Wk Exp.+ Bachelor's or higher degree	
	Training and Development Managers	70	80	10	0	0	0	64,373	20.09			92,954		Wk Exp.+ Bachelor's or higher degree	
	Human Resources Managers, All Other	70	80	10	0	0	0	66,279	25.26			83314		Wk Exp.+ Bachelor's or higher degree	
	Industrial Production Managers Purchasing Managers	270 110	260 120	10	0	10 0	10	96,054 60,602	27.45 18.67			158,973 93,563	92,332	Bachelor's degree Wk Exp.+ Bachelor's or higher degree	
11-3001	Transportation, Storage, and Distribution	110	120	10	U	U	U	60,602	18.67	38,828	44.98	93,303	65,759	WK Exp.+ Bachelor's or higher degree	
11-3071	Managers	200	220	20	0	10	10	70,394	20.88	43,422	51.12	106,323	66,553	Work Exp. in a related occ.	Lic. Req.
	Construction Managers	1,090	1,250	160	20	20	30	62,057	15.90			93,571	70,313		Lie. req.
	Education Administrators, Preschool and Child	-,	-,							,		,	,		
11-9031	Care Center/Program	40	50	0	0	0	0	32,912	9.96	20,724	21.82	45,388	34,475	Wk Exp.+ Bachelor's or higher degree	
	Education Administrators, Elementary and														
	Secondary School	520	570	40	0	20	20	65,127	NA			81,274		Wk Exp.+ Bachelor's or higher degree	
	Education Administrators, Postsecondary	100	110	20	0	0	10	83,279	22.32			133,606		Wk Exp.+ Bachelor's or higher degree	
	Engineering Managers	230	280	50	10		10	95,302	28.73			140089		Wk Exp.+ Bachelor's or higher degree	
	Food Service Managers	300	330 130	30 10	0	10	10	48,918	13.32 11.54			74,949	46,814 47,628		C
	Lodging Managers Medical and Health Services Managers	120 390	440	60	10	0 10	10	38,314 75,269	24.04			63,068 105,530		Work Exp. in a related occ. Wk Exp.+ Bachelor's or higher degree	Cert. Avail. Lic. Req.
	Natural Sciences Managers	30	30	00	0	0	0	93,230	32.53			125,777		Wk Exp.+ Bachelor's or higher degree	Lic. Keq.
,	Property, Real Estate, and Community	50	50	· ·	0	0	Ü	73,230	02.00	07,007	00.17	120,777	75,210	THE EMP. I Business S of Higher degree	
11-9141	Association Managers	710	690	0	0	10	10	33,777	8.29	17,240	27.28	56,740	41,840	Bachelor's degree	
11-9151	Social and Community Service Managers	200	230	30	0	0	10	52,881	13.83	28,767	41.17	85,625	59,751	Bachelor's degree	
11-9199	Managers, All Other	1,870	2,170	300	30	40	70	79,845	20.22	42,065	54.75	113,888	74,224	Work Exp. in a related occ.	
	Wholesale and Retail Buyers, Except Farm														
13-1022		120	120	0	0	0	0	40,388	12.99	27,013	29.04	60,402	47,545	Bachelor's degree	
	Purchasing Agents, Except Wholesale, Retail,														
13-1023	and Farm Products	580	660	80	10	10	20	47,889	13.13	27,315	34.54	71,849	49,682	Bachelor's degree	
	Compliance Officers, Except Agriculture, Construction, Health and Safety, and														
13-1041	Transportation	440	500	60	10	10	10	47,804	14.62	30,420	34.40	71,555	50,085	Long-term Tng. & Exp.	
	Cost Estimators	290	370	80	10		10	53,844	15.90		35.12	73,056	56,845	Bachelor's degree	
15 1051	Employment, Recruitment, and Placement	270	570	00	10	10	10	55,011	15.70	55,077	55.12	75,050	50,015	Database & degree	
13-1071	Specialists	170	200	30	0	0	10	44,644	11.50	23,929	32.59	67782	43,648	Bachelor's degree	
	Compensation, Benefits, and Job Analysis														
13-1072	Specialists	50	60	10	0		0	41,710	13.24			56,269	47,625	Bachelor's degree	
13-1073	Training and Development Specialists	280	340	70	10	10	10	52,362	12.41	25,822	43.56	90,595	45,825	Bachelor's degree	
	Human Resources, Training, and Labor Relations														
	Specialists, All Other	310	390	80	10	10	20	52,473	16.42			70,509	51,804	Bachelor's degree	
	Logisticians Management Applicate	60	80	20 40	0	0	0	60,099	16.31		42.55	88,512	62,453	Bachelor's degree	
	Management Analysts Business Operations Specialists, All Other	330 1,290	370 1,630	340	30	10 10	10 50	75,801 58,496	16.78 14.23			133,907 103,895	55,418	Wk Exp.+ Bachelor's or higher degree Bachelor's degree	
	Accountants and Auditors	1,290	1,870	300	30	30	60	55,849 55,849	16.70			82,013	55,095	Bachelor's degree	Lic. Req.
	Budget Analysts	30	30	0	0	0	00	37,019	12.25			55,590	56,659	Bachelor's degree	Lie. Req.
	Credit Analysts	50	50	10	0	0	0	49,100	13.71		44.01	91,545	55,656	Bachelor's degree	
	Financial Analysts	70	80	10	0	0	0	73,360	16.31			127,570	70,327	Bachelor's degree	
	Loan Officers	550	630	80	10	10	10	52,179	14.65			76,811	47,436		
12 2001	Tou Engaginess Collector 1 D		40			_	_	51.000	11.70	23,889	44.18	01.007	50,847	Deales Incl. 1	
	Tax Examiners, Collectors, and Revenue Agents Tax Preparers	40 370	40 310	0	0	0 10	10	51,868 23,580	11.49 6.97			91,886 38,606	29,388	Bachelor's degree Modterm Tng. & Exp.	
	Financial Specialists, All Other	70	80	10	0	0	0	41,150	12.44			67,082	54,727	Bachelor's degree	
	Computer Programmers	250	230	0	-	10	10		15.05			74,981	58,126	Bachelor's degree	Cert. Avail.
		250	250	o a		10	10	,520		,512	200	,,,,,,	20,120		

								2010	2010	2010	2010	2010 RLMA			
Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	RLMA 1 Annual Average	RLMA 1 Hourly Avg. Wage -	RLMA 1 Annual Avg. Wage -	RLMA 1 Hourly Avg. Wage -	1 Annual Avg. Wage - Highest	2010 State Annual Average	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
Code					Growiii	ment	Openings	Wage 9	Lowest	Lowest 10% 11	Highest	10% ¹³	Wage 14		Kequireu
15-1031	Computer Software Engineers, Applications	100	130	40	0	0	10	50,241	10% ¹⁰ 16.65		10% ¹² 30.91	64,287	70,026	Bachelor's degree	Cert. Avail.
		30	30	10	0	0	0	71,073	26.36		46.19	96,079	76,022	_	
	Computer Software Engineers, Systems Software Computer Support Specialists	680	860	180	20	20	40	42,747	12.55		31.91	66,382		Bachelor's degree Associate degree	Cert. Avail.
	Computer Systems Analysts	210	280	70	10	10	10	54,806	14.97		38.55	80,191	57,502	Bachelor's degree	Cert. Avail.
	Database Administrators	40	50	10	0	0	0	53,597	15.40	32,026	40.42	84,083	61,534	Bachelor's degree	
15-1071	Network and Computer Systems Administrators Network Systems and Data Communications	150	200	50	10	0	10	56,753	16.38	34,078	44.40	92,359	56,090	Bachelor's degree	Cert. Avail.
	Analysts	150	200	50	10		10	67,410	20.02		49.77	103527	55,026	Bachelor's degree	
	Computer Specialists, All Other Architects, Except Landscape and Naval	70 140	60 150	10	0	0	0	79,977 60,268	14.17 17.94		63.09 43.43	131,233 90,333	72,653 68,303	Postsecondary voc. Bachelor's degree	Lic. Req.
	Surveyors	340	400	60	10		20	48,793	14.24		36.18	75,265	50,478	Bachelor's degree	Lic. Req.
	Chemical Engineers	120	140	30	0	0	10	128,392	34.71		>80.00	>166,400		Bachelor's degree	Lic. Req.
	Civil Engineers	470	570	100	10		20	84,278	24.14		60.53	125,905	88,136	Bachelor's degree	Lic. Req.
	Electrical Engineers	190	220	30	0	10	10	70,262	17.38	36,150	54.53	113,420	86,049	Bachelor's degree	Lic. Req.
	Electronics Engineers, Except Computer	90	100	10	0	0	0	55,535	16.62		40.17	83,544	74,258	Bachelor's degree	Lic. Req.
	Environmental Engineers Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40 170	60 200	10	0	0	10	77,686 49,338	22.12 16.82		51.09 34.33	106,276 71,412		Bachelor's degree Bachelor's degree	Lic. Req.
	Industrial Engineers	160	190	30	0	0	10	85,836	25.05		65.82	136,906		Bachelor's degree	Lic. Req.
	Mechanical Engineers	440	530	90	10		20	76,378	22.52		51.21	106,511	82,788	Bachelor's degree	Lic. Req.
	Petroleum Engineers	450	490	40	0	10	20	102,255	31.99		77.32	160,830		Bachelor's degree	Lic. Req.
17-2199	Engineers, All Other	350	390	50	10		10	75,384	20.90		55.65	115,752	79,411	Bachelor's degree	Lic. Req.
	Architectural and Civil Drafters	130	130	0	0	0	0	38,196	13.46		24.75	51,472	44,751	Postsecondary voc.	Cert. Avail.
	Electrical and Electronics Drafters	80	90	20	0	0	0	55,823	19.75		34.11	70,957	57,339	Postsecondary voc.	Cert. Avail.
	Mechanical Drafters	210	240	40 30	0	10	10	41,813	14.39		27.05	56,273	43,902	Postsecondary voc.	Cert. Avail.
	Drafters, All Other Civil Engineering Technicians	200 160	230 170	30 10	0	10 0	10	38,789 47,916	12.20 15.88		27.62 33.19	57,454 69,040	46,200 48,364	Postsecondary voc. Associate degree	
17-3022	Electrical and Electronic Engineering						0	47,910	13.00					Associate degree	
	Technicians	320	360	50	10		10	46,365	13.17		32.57	67,745	53,027	Associate degree	Lic. Req.
	Environmental Engineering Technicians	30	30	10	0	0	0	37,378	12.58		25.32	52,665	42,189	Associate degree	
	Industrial Engineering Technicians	60	50 20	0	0	0	0	61,323	22.38		38.03	79,094	57,877	Associate degree	Ti. D.
17-3027	Mechanical Engineering Technicians Engineering Technicians, Except Drafters, All Other	20 70	70	0	0		0	50,665 70,219	14.99		38.85 52.43	80,808 109,062	54,239 58,539	Associate degree Associate degree	Lic. Req
	Surveying and Mapping Technicians	440	500	60	10		10	35,199	11.76		24.43	50,807	32,466	Modterm Tng. & Exp.	
	Conservation Scientists	30	30	10	0	0	0	81,179	25.33	52,696	53.58	111,438	69,847	Bachelor's degree	
19-2031	Chemists Environmental Scientists and Specialists,	70	80	10	0	0	0	57,131	16.55	34,432	39.39	81,924	67,084	Bachelor's degree	
	Including Health Geoscientists, Except Hydrologists and	80	100	20	0	0	0	55,688	15.12		40.45	84,127	59,260	Bachelor's degree	
	Geographers	130	160	30	0	0	10	95,718	28.33		79.54	165,447	87,497	Bachelor's degree	
19-3021	Market Research Analysts	140	170	30	0	0	0	45,411	13.33	27,717	31.21	64,918	45,009	Bachelor's degree	
	Clinical, Counseling, and School Psychologists Geological and Petroleum Technicians	20 440	30 440	0	0	0 20	0 20	49,712 57,358	17.85 15.13		41.17 37.74	85,627 78,492	73,106 59,532	Master's degree Associate degree	
	Environmental Science and Protection			Ü			20							Associate degree	
19-4091	Technicians, Including Health Life, Physical, and Social Science Technicians,	40	60	10	0	0	0	55,927	20.04	41,674	36.34	75,592	48,168	Associate degree	Lic. Req.
19-4099	All Other	190	220	20	0	10	10	34,688	8.49	17,655	29.10	60,527	40,150	Associate degree	
21-1011	Substance Abuse and Behavioral Disorder Counselors	100	130	30	0	0	10	31,342	10.63	22,120	19.90	41,388	40,858	Master's degree	Lic. Req.
21-1012	Educational, Vocational, and School Counselors	720	800	80	10	10	20	51,393	17.34	36,060	33.22	69,092	50,457	Bachelor's degree	
	Mental Health Counselors	100	130	30	0	0	10	31,299	8.31		22.09	45,953	31,121	Master's degree	Lic. Req.
	Rehabilitation Counselors	90	100	10	0	0	0	51,352	16.89		34.88	72,546		Master's degree	Lic. Req.
	Counselors, All Other	90	110	20	0	0	0	44,362	13.18		28.55	59,377	42,965	Master's degree	
	Child, Family, and School Social Workers	350	380	40	0	10	10	49,128	12.40		35.31	73,455	49,001	Bachelor's degree	Lic. Req.
	Medical and Public Health Social Workers Mental Health and Substance Abuse Social	260	340	80	10	10	10	43,510	12.27		30.35	63,118		Bachelor's degree	Lic. Req.
	Workers Social Workers, All Other	150 80	170 100	30 20	0	0	10	38,925 50,762	10.09 14.87		29.33 34.24	61,016 71,230		Master's degree Bachelor's degree	
	Health Educators	90	120	40	0	0	10	32,271	10.71		22.48	46,768	45,776	Master's degree	
	Probation Officers and Correctional Treatment									,		.,			
	Specialists Social and Human Service Assistants	170 520	200 620	30 100	0 10	0 10	10 20	42,739 35,071	10.13 8.90		32.31 27.27	67,214 56,715		Bachelor's degree Modterm Tng. & Exp.	
21-1093	Social and Human Service Assistants	320	320	100	10	10	20	55,571	0.90	10,312	21.21	50,715	52,052	outerm ring. oc Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Compared to the second								10% 10	10 /6	10% 12				
21-1099	Community and Social Service Specialists, All	340	430	90	10	0	10	28,113	6.98	14.512	25.37	52,772	33,276	De de la la de de cons	
23-1011		1,240	1,330	100	10	20	30			14,513 45,776	68.39	142,261	94,625	Bachelor's degree First professional degree	Lic. Req.
	Administrative Law Judges, Adjudicators, and	1,240	1,330	100	10	20	50	80,384	22.01	45,770	00.39	142,201	94,023	First professional degree	Lic. Keq.
	Hearing Officers	30	40	10	0	0		36,033	7.04	14,634	37.14	77.246	74 154	Wk Exp.+ Bachelor's or higher degree	
	Judges, Magistrate Judges, and Magistrates	40	40	10	0	0	(44,390		17,116	42.62	88,648		Wk Exp.+ Bachelor's or higher degree	
	Paralegals and Legal Assistants	530	620	80	10	10	20			27,101	24.34	50,638	42,640	Associate degree	
	Court Reporters	120	150	30	0	0	10	28,220	7.30	15,178	19.63	40,832	37,651	Postsecondary voc.	Lic. Req.
23-2092	Law Clerks	130	120	0	0	0	0	34,080		18,376	24.22	50,368	34,202	Bachelor's degree	
	Legal Support Workers, All Other	30	30	0	0	0	C	27,235		17,788	21.27	44,247	40,998	Modterm Tng. & Exp.	
25-1011	Business Teachers, Postsecondary	60	80	20	0	0	0	56,964	NA	38,108	NA	86,609	57,133	Doctoral degree	
25 1022		20	20					55 606		25.015		07.750	50.060		
	Mathematical Science Teachers, Postsecondary	30	30 30	10	0	0	(57,696		35,817	NA	87,759	52,868	Doctoral degree	
23-1042	Biological Science Teachers, Postsecondary	30	30	10	U	U		48,188	NA	29,013	NA	80,564	53,082	Doctoral degree	
25-1072	Nursing Instructors and Teachers, Postsecondary	70	90	20	0	0		65,819	NA	37,811	NA	133,052	59,305	Master's degree	
	Communications Teachers, Postsecondary	30	30	10	0	0	(66,734		39,832	NA	120,999	46,680	Doctoral degree	
	History Teachers, Postsecondary	20	30	10	0	0	Č	53,455		37,919	NA	79,409	53,034	Doctoral degree	
	Vocational Education Teachers, Postsecondary	170	210	40	0	0	10			40,821	55.25	114,910	59,723	Work Exp. in a related occ.	Cert. Avail.
25-2011	Preschool Teachers, Except Special Education	650	730	90	10	10	20	19,901	6.88	14,318	13.47	28,023	21,691	Bachelor's degree	Cert. Avail.
	Kindergarten Teachers, Except Special Education	430	500	70	10	10	10	44,679	NA	36,732	NA	53,047	44,476	Bachelor's degree	Cert. Avail.
	Elementary School Teachers, Except Special Education	3,920	4,490	570	60	90	140	44,294	NA	35,555	NA	53,553	44,622	Bachelor's degree	Lic. Req.
23=2021	Education	3,920	4,490	570	00	90	140	44,294	1974	33,333	IVA	33,333	44,022	Bacheloi s degree	Lic. Keq.
25-2023	Vocational Education Teachers, Middle School	100	100	0	0	0	(45,865	NA	37,709	NA	54,764	45,742	Wk Exp.+ Bachelor's or higher degree	
	Secondary School Teachers, Except Special and							,		,		- 1,1 - 1	,		
25-2031	Vocational Education	1,710	1,810	110	10	50	60	45,458	NA	35,422	NA	57,699	46,159	Bachelor's degree	Lic. Req.
	Vocational Education Teachers, Secondary														
25-2032		240	230	0	0	10	10	48,929	NA	35,806	NA	64,842	48,615	Bachelor's degree	
	Special Education Teachers, Preschool,														
25-2041	Kindergarten, and Elementary School	230	270	40	0	10	10	42,571	NA	28,587	NA	55,624	46,244	Bachelor's degree	Cert. Avail.
25 2042	Special Education Teachers, Secondary School	1,050	1,140	90	10	20	30	45,579	NA	36,156	NA	54,568	46,290	Bachelor's degree	Cert. Avail.
	Adult Literacy, Remedial Education, and GED	1,050	1,140	90	10	20	50	43,319	1974	30,130	IVA	34,306	40,290	Bacheloi s degree	Cert. Avaii.
	Teachers and Instructors	40	50	10	0	0	(51,481	18.82	39,139	31.06	64,610	37,658	Bachelor's degree	
25-3021	Self-Enrichment Education Teachers	510	650	130	10	10	20	43,091	15.79	32,852	25.20	52,408	40,531	Work Exp. in a related occ.	
25-3099	Teachers and Instructors, All Other	870	950	80	10	10	20	41,862	NA	21,434	NA	63,510	47,340	Bachelor's degree	
25-4021	Librarians	370	390	20	0	10	10	46,655	17.25	35,886	28.03	58,301	48,201	Master's degree	Lic. Req.
	Library Technicians	180	210	30	0	10	10			15,408	25.09	52,188	25,866	Short-term Tng. & Exp.	
	Instructional Coordinators	370	460	100	10	10	20			22,491	33.12	68,886	48,032	Master's degree	
	Teacher Assistants	2,320	2,520	190	20	40	60	17,716	NA	14,470	NA	21,952	17,990	Short-term Tng. & Exp.	Cert. Avail.
	Education, Training, and Library Workers, All	100						22.002			10.00	20.220	40.550		
25-9099		100 40	110	10	0	0	(22,002		15,744	18.86	39,220	43,772	Bachelor's degree	Lic. Req.
	Commercial and Industrial Designers	200	40 180	10	0	10	10	60,713 21,318		26,129 14,816	47.34 14.39	98,467 29,922	73,134 23,044	Bachelor's degree	
	Floral Designers Graphic Designers	280	290	20	0	10	10			21,754	21.64	45,018	36,606	Modterm Tng. & Exp. Bachelor's degree	
	Interior Designers	110	130	20	0	0	10			24,364	21.53	44,784	48,905	Bachelor's degree	Lic. Req.
27 1025	mero Bengaero	110	130	20				33,770	*****	21,501	21.55	,,,,,,	10,705	Bucheror 5 degree	Lie. req.
27-1026	Merchandise Displayers and Window Trimmers	140	160	20	0	0	10	24,123	6.80	14,153	27.04	56,251	27,381	Modterm Tng. & Exp.	
27-1029	Designers, All Other	80	90	10	0	0	(52,143	16.74	34,815	40.01	83,215	48,561	Bachelor's degree	
27-2012	Producers and Directors	70	70	0	0	0	0	27,539	8.67	18,025	19.55	40,663	45,017	Wk Exp.+ Bachelor's or higher degree	
	Radio and Television Announcers	80	60	0	0	0	C	35,140		19,030	23.89	49,699	27,474	Long-term Tng. & Exp.	
	Reporters and Correspondents	70	70	0	0	0	(35,652		22,299	26.92	55,987	46,441	Bachelor's degree	
	Public Relations Specialists	120	150	20	0	0	(38,467	8.68	18,057	28.50	59,287	47,997	Bachelor's degree	
27-3041		50	40	0	0	0	(33,645		18,925	27.07	56,296	42,144	Bachelor's degree	
	Technical Writers	30	40	10	0	0	(41,654		30,243	25.51	53,066	50,720	Bachelor's degree	
	Writers and Authors	80	70	0	0	0	(23,380		14,976	19.35	40,245	40,659	Bachelor's degree	
	Broadcast Technicians	60 80	60 80	0	0	0	(20,930		16,704	12.43	25,854	30,351	Postsecondary voc.	
	Photographers Camera Operators, Television, Video, and	80	80	0	0	0	(28,839	10.87	22,606	17.74	36,895	27,587	Long-term Tng. & Exp.	
	Motion Picture	20	30	0	0	0	(17,930	6.80	14,138	12.06	25,095	29,579	Modterm Tng. & Exp.	
	Dentists, General	100	120	20	0	0	Č	192,909		138,768	>80.00	>166,400	134,816	First professional degree	Lic. Req.
	Dietitians and Nutritionists	110	120	10	0	0	Ċ	49,598		35,774	32.53	67,667	45,081	Bachelor's degree	Lic. Req.
	Pharmacists	610	750	140	10	10	30	104,661	36.75	76,433	63.68	132,463	102,448	First professional degree	Lic. Req.
	Anesthesiologists	70	90	20	0	0	0	193,099	59.16	123,063	>80.00	>166,400	205,221	First professional degree	Lic. Req.

									2010	2010	2010				
								2010	RLMA 1	RLMA 1	RLMA 1	2010 RLMA	2010 State		
Occupa-	_	2008	2018	10 Year	Annual	Annual	Annual	RLMA 1	Hourly	Annual	Hourly	1 Annual	Annual	Most Significant Source of	Occupational
tional	Occupational Title ²	Estimate ³	Projected 4	Growth 5	New	Replace-	Total	Annual	Avg.	Avg. Wage -	Avg.	Avg. Wage -	Average	Education or Training ¹⁵	License
Code 1		Dominic	Trojecteu	O10"III	Growth 6	ment 7	Openings 8	Average	Wage -	Lowest	Wage -	Highest	Wage 14	Education of Training	Required 16
								Wage 9	Lowest	10% 11	Highest	10% 13			
20.1062	Family and General Practitioners	100	130	30	0	0	10	179,986	50.20	104,417	10% ¹² >80.00	>166,400	182,792	First professional degree	Lic. Req.
	Obstetricians and Gynecologists	30		30 10	0	0	10	179,986	41.93		>80.00	>166,400	202,533	First professional degree First professional degree	Lic. Req. Lic. Req.
	Surgeons	50		10	0		0	223,087	41.93 NA		>80.00	>166,400	202,333 NA	First professional degree	Lic. Req.
	Physicians and Surgeons, All Other	890	1,110	230	20		40	196,357	58.04		>80.00	>166,400		First professional degree	Lic. Req.
	Physician Assistants	80	1,110	50	10	0	10	69,201	14.54		50.50	105,032		Bachelor's degree	Lic. Req.
	Registered Nurses	4,790	5,910	1,110	110		190	63,024	20.75		42.92	89,275	60,721	Associate degree	Lic. Req.
	Physical Therapists	250	340	90	10		10	70,044	22.14		49.78	103,537	77,994	Master's degree	Lic. Req.
	Recreational Therapists	30		0	0	0	10	43,377	14.79		27.45	57,101	39,692	Bachelor's degree	Lic. Keq.
	Respiratory Therapists	260		60	10		10	49,944	17.37		31.53	65,589	48,767	Associate degree	Lic. Req.
	Speech-Language Pathologists	120		20	0	0	10	57,444	17.50		39.95	83,090	69,542	Master's degree	Lic. Req.
	Veterinarians	90		20	0	0	0	85,467	18.12		72.80	151,416		First professional degree	Lic. Req.
27-1131	Vecimarians	,,,	110	20	0	Ü	0	05,407	10.12	37,020	72.00	131,410	01,005	r irst professional degree	Lic. Req.
29-2011	Medical and Clinical Laboratory Technologists	320	380	60	10	10	10	48,523	16.22	33,744	32.01	66,575	48,950	Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	340		60	10		10	36,079	10.93		25.85	53,760		Associate degree	Lic. req.
	Dental Hygienists	120		50	10		10	61,868	16.82		42.33	88,044	56,404	Associate degree	Lic. Req.
	78	.20	.70	50	10		10	31,000	10.02	51,707	.2.55	00,011	23,107	- International Control	
29-2031	Cardiovascular Technologists and Technicians	80	100	20	0	0	0	50,633	16.42	34,164	33.25	69,150	39,186	Associate degree	
	Diagnostic Medical Sonographers	90		20	0	0	0	57,316	19.80		38.03	79,101	58,984	Associate degree	
	Nuclear Medicine Technologists	30		10	0	0	0	62,499	24.41		36.49	75,891	62,804	Associate degree	
	Radiologic Technologists and Technicians	400		80	10		10	48,799	17.68		30.76	63,975	47,836	Associate degree	Lic. Req.
	5 5													ē.	•
29-2041	Emergency Medical Technicians and Paramedics	960	1,280	320	30	10	40	34,702	12.12	25,220	22.57	46,944	33,706	Postsecondary voc.	Lic. Req.
29-2051	Dietetic Technicians	40	40	0	0	0	0	28,734	8.54	17,770	20.03	41,655	23,304	Modterm Tng. & Exp.	
29-2052	Pharmacy Technicians	720	990	260	30	20	50	26,720	8.95	18,622	17.56	36,517	27,344	Modterm Tng. & Exp.	Lic. Req.
29-2054	Respiratory Therapy Technicians	80	80	0	0	0	0	44,890	16.84	35,034	27.36	56,919	45,424	Postsecondary voc.	-
29-2055	Surgical Technologists	190	240	50	10	10	10	36,575	12.96	26,948	24.06	50,051	37,644	Postsecondary voc.	
29-2056	Veterinary Technologists and Technicians	230	270	40	0	10	10	22,832	8.40	17,476	14.67	30,522	23,704	Associate degree	Lic. Req.
	Licensed Practical and Licensed Vocational													_	•
29-2061		3,080	3,860	780	80	80	160	36,625	13.49	28,069	22.86	47,555	37,564	Postsecondary voc.	Lic. Req.
	Medical Records and Health Information														
29-2071	Technicians	280	330	50	10	10	10	27,979	8.83		20.56	42,770	28,555	Associate degree	Cert. Avail.
29-2081	Opticians, Dispensing	40	40	0	0	0	0	25,499	8.39	17,461	15.48	32,194	29,866	Long-term Tng. & Exp.	
	Health Technologists and Technicians, All Other	170		30	0	0	0	34,358	10.87		23.61	49,113	35,561	Long-term Tng. & Exp.	Lic. Req.
	Occupational Health and Safety Specialists	130		30	0	0	10	56,161	17.21		40.79	84,853	65,011	Bachelor's degree	
	Occupational Health and Safety Technicians	100		20	0		0	48,027	12.84		36.24	75,370	46,819	Associate degree	Lic. Req.
	Home Health Aides	1,860	2,840	980	100		120	18,938	7.06		11.88	24,706	18,934	Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	3,590	4,320	730	70		110	18,700	6.98		11.72	24,372	19,829	Short-term Tng. & Exp.	Lic. Req.
	Psychiatric Aides	240	260	20	0	0	0	18,646	6.97		11.57	24,056	22,987	Short-term Tng. & Exp.	
	Physical Therapist Assistants	80		40	0	0	10	28,745	7.93		18.54	38,560	42,071	Associate degree	Lic. Req.
	Physical Therapist Aides	210		70	10		10	19,658	7.26		12.93	26,903	22,287	Short-term Tng. & Exp.	Lic. Req.
	Massage Therapists	90	110	20	0	0	0	32,646	10.13		25.70	53,452		Postsecondary voc.	Lic. Req.
	Dental Assistants	560		210	20		30	26,155	8.46		16.73	34,791	27,984	Modterm Tng. & Exp.	
	Medical Assistants	520		220	20		30	23,109	7.85		15.15	31,519	25,506	Modterm Tng. & Exp.	Cert. Avail.
	Medical Equipment Preparers	30		0	0	0	0	26,770	8.46		21.27	44,235	24,408	Short-term Tng. & Exp.	
31-9094	Medical Transcriptionists	170	190	20	0	0	0	27,816	10.06	20,923	17.27	35,914	29,210	Postsecondary voc.	
21.0006	Veterinary Assistants and Laboratory Animal	100	100	10		0		25 727	0.54	12.262	16.60	24 721	22.700	Cl	
	Caretakers	180		10	0	0		25,727	8.54		16.69	34,721	22,780	Short-term Tng. & Exp.	n
31-9099	Healthcare Support Workers, All Other	300	370	70	10	0	10	25,674	8.04	16,713	17.45	36,306	25,805	Short-term Tng. & Exp.	Lic. Req.
22 1011	First-Line Supervisors/Managers of Correctional		00	10	0	0		46.746	15.41	22.040	20.66	62.767	55.005	W. J. F	
33-1011	First-Line Supervisors/Managers of Police and	80	90	10	0	0	U	46,746	15.41	32,048	30.66	63,767	55,005	Work Exp. in a related occ.	
22 1012		200	240	30	0	10	10	55,472	18.00	37,446	36.01	74,902	61,419	Work For in a related and	
33-1012	Detectives First-Line Supervisors/Managers of Fire Fighting	200	240	30	U	10	10	33,412	18.00	37,440	30.01	74,902	01,419	Work Exp. in a related occ.	
22 1021	and Prevention Workers	120	140	20	0	0	10	49,505	20.24	42,098	29.81	62,006	50,559	Work Free in a related and	
33-1021	First-Line Supervisors/Managers, Protective	120	140	20	U	U	10	49,303	20.24	42,098	29.61	02,000	30,339	Work Exp. in a related occ.	
33,1000	Service Workers, All Other	60	80	10	0	0	0	39,879	13.32	27,710	27.10	56,362	41,767	Work Exp. in a related occ.	
	Fire Fighters	410		70	10		20	29,726	9.41		19.37	40,281	31,672	Long-term Tng. & Exp.	
	Fire Inspectors and Investigators	60		10	0	0	20 n	38,144	9.41		28.24	58,732	45,040	Work Exp. in a related occ.	
33-2021		80		10	0	0	0	31,077	10.21		21.19	44,070		Modterm Tng. & Exp.	
	Correctional Officers and Jailers	660		110	10		30	30,332	9.73		21.19	44,070	35,604	Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	260	340	70	10		10	37,845	12.01		24.84	51,664	51,834	Work Exp. in a related occ.	
	Police and Sheriff's Patrol Officers	1,260	1,470	210	20		60	32,552	9.78		23.48	48,832			
	Animal Control Workers	1,200	1,470	10	20		00	22,302	7.24		15.49	48,832 32,226		Long-term Tng. & Exp. Modterm Tng. & Exp.	Lic. Req.
	Private Detectives and Investigators	50		10	0		0	40,592	12.22		27.17	56,517		Work Exp. in a related occ.	Lic. Req.
	Security Guards	1,000	1,190	190	20		40	21,900	6.94		15.62	32,482		Short-term Tng. & Exp.	Lic. Req.
	Crossing Guards	1,000	1,190	190	0	0	0		6.85		13.45	27,985	20,753	Short-term Tng. & Exp.	Lie. Keq.
33-7071	Crossing Cautus	110	120	10	U	U	0	10,719	0.05	17,244	15.45	21,900	20,733	Short-term ring, et Exp.	

Lafayette - Acadiana - Regional Labor Market Area 4 Projections for All Occupations to 2018 (by SOC code) RLMA 4: Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Marty, St. Martin, Vermilion

						1			2010		2010		1		
								2010	RLMA 1	2010	RLMA 1	2010 RLMA			
Occupa-					Annual	Annual	Annual	RLMA 1	Hourly	RLMA 1	Hourly	1 Annual	2010 State		Occupational
tional	Occupational Title ²	2008	2018	10 Year	New	Replace-	Total	Annual	Avg.	Annual	Avg.	Avg. Wage -	Annual	Most Significant Source of	License
Code 1	оссиранован тис	Estimate ³	Projected 4	Growth 3	Growth 6	ment 7	Openings 8	Average	Wage -	Avg. Wage	Wage -	Highest	Average	Education or Training ¹⁵	Required 16
							- Fg-	Wage 9	Lowest	Lowest	Highest	10% 13	Wage 14		
								_	10% 10	10% 11	10% 12				
35-1011	Chefs and Head Cooks	190	210	20	0	0	0	33,603	10.10	21,007	27.32	56,819	37,973	Postsecondary voc.	
25 1012	First-Line Supervisors/Managers of Food		2.020	2.00	20	10	40	20.207	0.00	10.000	10.01	41.260	20.207		
	Preparation and Serving Workers Cooks, Fast Food	1,770 1,210	2,030 1,370	260 160	30 20	10 30	40 50	28,297 15,912	9.09 6.78			41,269 18,940	28,307 16,156	Work Exp. in a related occ. Short-term Tng. & Exp.	
	Cooks, Fast Food Cooks, Institution and Cafeteria	1,210		120	10		60	17,837	6.78		11.14	23,161	18,044	Long-term Tng. & Exp.	
	Cooks, Restaurant	1,030	1,730	190	20	30	50	20,985	7.13		14.14	29,403	21,236	Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Cooks, Short Order	380	420	40	0		10	17,516	6.95		10.86	22,585	17,567	Short-term Tng. & Exp.	
	Cooks, All Other	260	280	10	0	10	10	19,836	7.08		12.00	24,958	19,438	Modterm Tng. & Exp.	
35-2021	Food Preparation Workers	4,880	5,810	940	90	170	260	16,158	6.78	14,111	9.25	19,236	16,937	Short-term Tng. & Exp.	
35-3011	Bartenders	810	920	110	10	30	40	16,176	6.77	14,091	9.07	18,858	17,069	Short-term Tng. & Exp.	
	Combined Food Preparation and Serving														
35-3021	Workers, Including Fast Food	1,590	1,950	370	40	30	70	16,371	6.80	14,149	9.22	19,170	16,638	Short-term Tng. & Exp.	
	Counter Attendants, Cafeteria, Food Concession,														
	and Coffee Shop	820	970	150	20	60	70	15,755	6.77		8.94	18,599	17,195	Short-term Tng. & Exp.	
	Waiters and Waitresses Food Servers, Nonrestaurant	4,110		600 30	60 0		280	16,980	6.83		10.52 11.30	21,877	17,847	Short-term Tng. & Exp.	
33-3041	Dining Room and Cafeteria Attendants and	210	240	30	0	0	10	17,735	6.90	14,349	11.30	23,513	18,233	Short-term Tng. & Exp.	
35-9011	Bartender Helpers	590	660	80	10	30	30	16,483	6.80	14,144	9.36	19,477	16,927	Short-term Tng. & Exp.	
	Dishwashers	730		100	10		40	15,751	6.79		8.88	18,466	16,289	Short-term Tng. & Exp.	
	Hosts and Hostesses, Restaurant, Lounge, and									,		-,		3	
35-9031	Coffee Shop	450	520	70	10	30	40	17,640	6.89	14,324	10.84	22,545	17,131	Short-term Tng. & Exp.	
	Food Preparation and Serving Related Workers,														
35-9099	All Other	20	30	0	0	0	0	18,976	7.33	15,252	11.17	23,228	17,479	Short-term Tng. & Exp.	
27.1011	First-Line Supervisors/Managers of	220	250	20				20.552	10.00	21.400	10.40	20.450	20.005		
3/-1011	Housekeeping and Janitorial Workers	320	350	30	0	10	10	30,553	10.33	21,488	18.49	38,458	30,005	Work Exp. in a related occ.	Cert. Avail.
	First-Line Supervisors/Managers of Landscaping,														
37-1012	Lawn Service, and Groundskeeping Workers	120	140	20	0	0	0	40,201	12.61	26,223	30.52	63,489	34,298	Work Exp. in a related occ.	
37-1012	Janitors and Cleaners, Except Maids and	120	140	20	0	Ü	Ü	40,201	12.01	20,223	30.32	05,407	34,270	Work Exp. in a related occ.	
37-2011	Housekeeping Cleaners	3,470	3,940	460	50	70	110	19,846	7.00	14,564	12.90	26,827	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	1,810		140	10		50	16,196				19,229	17,810	Short-term Tng. & Exp.	
	Pest Control Workers	260	310	50	10		10	28,049	7.74		20.25	42,122	28,434	Modterm Tng. & Exp.	
37-3011	Landscaping and Groundskeeping Workers	1,050	1,200	150	20	10	30	20,730	6.96	14,474	15.63	32,501	22,139	Short-term Tng. & Exp.	Cert. Avail.
	First-Line Supervisors/Managers of Personal														
	Service Workers	450		70	10	10	20	41,269	11.52			67,096	34,952	Work Exp. in a related occ.	
	Nonfarm Animal Caretakers Motion Picture Projectionists	240 30		50	10	0	10	19,331 16,799	6.99 6.86			23,770 20,084	21,845 20,009	Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Ushers, Lobby Attendants, and Ticket Takers	120		30	0		10	16,799	6.82			19,475	18,336	Short-term Tig. & Exp. Short-term Tig. & Exp.	
	Amusement and Recreation Attendants	130		10	0	10	10	17,221	6.80			23,133		Short-term Tng. & Exp.	
	Entertainment Attendants and Related Workers,							,		- 1,			,	gp.	
39-3099	All Other	950	1,070	120	10	50	60	21,019	7.43	15,459	12.96	26,962	20,812	Modterm Tng. & Exp.	
39-4021	Funeral Attendants	80	100	30	0	0	10	22,732	8.32	17,303	14.30	29,741	22,867	Short-term Tng. & Exp.	
	Hairdressers, Hairstylists, and Cosmetologists	870		280	30	10	40	22,396	7.35		16.75	34,831	26,355	Postsecondary voc.	Lic. Req.
	Baggage Porters and Bellhops	30	30	0	0	0	0	18,694	6.91		12.43	25,850	21,229	Short-term Tng. & Exp.	
	Child Care Workers	1,310		130	10	40	50	17,048	6.84		10.35	21,531	18,186	Short-term Tng. & Exp.	Cert. Avail.
	Personal and Home Care Aides	1,860		1,000	100	30	130	16,646	6.84		9.47	19,698	17,807	Short-term Tng. & Exp.	Cert. Avail.
	Fitness Trainers and Aerobics Instructors	230		30	0	0	10	35,578	7.01			63,619	26,322	Postsecondary voc.	
	Recreation Workers	360		30	0	10	10	20,271	6.91			29,922		Short-term Tng. & Exp.	
39-9099	Personal Care and Service Workers, All Other First-Line Supervisors/Managers of Retail Sales	510	450	0	0	10	10	18,027	6.90	14,344	11.48	23,881	18,604	Modterm Tng. & Exp.	
41-1011		4,830	5,210	380	40	100	140	32,349	10.07	20,954	22.50	46,794	34,002	Work Exp. in a related occ.	
	First-Line Supervisors/Managers of Non-Retail	1,050	3,210	500	10	100	110	32,319	10.07	20,75	22.50	10,771	51,002	Work Exp. in a related occ.	
41-1012	Sales Workers	730	780	50	10	10	20	57,328	14.04	29,200	46.43	96,575	56,264	Work Exp. in a related occ.	
41-2011		10,020	10,210	190	20	480	500	16,474	6.73		9.43	19,615	16,729	Short-term Tng. & Exp.	
41-2021	Counter and Rental Clerks	960	1,170	200	20	40	60	22,736	6.90	14,344	17.73	36,871	22,702	Short-term Tng. & Exp.	
41-2022	Parts Salespersons	560	560	0	0	10	10	28,293	7.48		22.01	45,771	26,499	Modterm Tng. & Exp.	
	Retail Salespersons	8,100	9,070	970	100	250	350	23,167	6.91		18.79	39,083	22,803	Short-term Tng. & Exp.	
	Advertising Sales Agents	210		20	0	0	10	34,850	7.73		33.77	70,240		Modterm Tng. & Exp.	
41-3021	Insurance Sales Agents	750	870	120	10	20	30	44,044	10.69	22,237	30.49	63,417	44,901	Bachelor's degree	
41.2021	Securities, Commodities, and Financial Services Sales Agents	160	150	0	0	0	0	78,614	13.24	27,541	66.61	138,541	72,964	Bachelor's degree	
	Travel Agents	150		0	0	0	0	78,614 24,858	8.40		15.67	32,604	25,961	Postsecondary voc.	
	Sales Representatives, Services, All Other	410		110	10	10	20	53,542	10.97			137,649	45,050	Modterm Tng. & Exp.	
11 3077		710	520	110	10	10	20	33,342	10.77	22,022	00.10	.51,049	.5,050	mod. com riig. cc Exp.	
	Sales Representatives, Wholesale and														
41-4011	Manufacturing, Technical and Scientific Products	960	1,110	150	20	20	40	65,356	18.47	38,425	46.27	96,243	65,875	Modterm Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Sales Representatives, Wholesale and														
	Manufacturing, Except Technical and Scientific														
41-4012	Products	3,400	3,840	450	50	80	120	54,543	13.74	28,584	41.17	85,641	52,664	Modterm Tng. & Exp.	
41-9022	Real Estate Sales Agents	340	310	0	0	10	10	33,090	8.18	17,010	27.03	56,231	37,705	Postsecondary voc.	Lic. Req.
	Door-To-Door Sales Workers, News and Street														
	Vendors, and Related Workers	180			0	0		19,183			16.43	34,165	28,404	Short-term Tng. & Exp.	
41-9099	Sales and Related Workers, All Other First-Line Supervisors/Managers of Office and	80	80	0	0	0	0	39,096	8.04	16,721	33.14	68,922	36,634	Modterm Tng. & Exp.	Lic. Req.
43-1011	Administrative Support Workers	3,380	3,600	230	20	70	90	39,089	11.77	24,491	27.73	57,688	40,655	Work Exp. in a related occ.	
43-1011	Switchboard Operators, Including Answering	5,500	5,000	230	20	70	,,,	37,007	11.77	24,471	21.13	57,000	40,055	Work Exp. in a related occ.	
43-2011		500	470	0	0	10	10	22,339	7.20	14,969	15.29	31,800	22,564	Short-term Tng. & Exp.	
43-3011	Bill and Account Collectors	470	590	120	10	10	20	26,920	9.39	19,521	16.51	34,336	29,690	Short-term Tng. & Exp.	
	Billing and Posting Clerks and Machine														
43-3021	Operators	790	830	30	0	10	10	28,679	9.41	19,568	18.43	38,335	28,147	Short-term Tng. & Exp.	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,820	5,550	730	70	80	150	29,596	8.60	17,885	20.24	42,089	31,615	Modterm Tng. & Exp.	
	Payroll and Timekeeping Clerks	550	570		0	10		32,187			20.55	42,740	31,966	Short-term Tng. & Exp.	
	Procurement Clerks	110			0	0	0	29,277			23.49	48,857	34,954	Short-term Tng. & Exp.	
43-3071	Tellers	1,660	1,930	280	30	70		21,379			12.91	26,862	21,791	Short-term Tng. & Exp.	
	Court, Municipal, and License Clerks	460	540	80	10	10	20	26,977			19.22	39,968	30,774	Short-term Tng. & Exp.	
	Credit Authorizers, Checkers, and Clerks	80	70		0	0	0	21,277			12.46	25,911	24,237	Short-term Tng. & Exp.	
	Customer Service Representatives	4,420	5,440	1,020	100	120	230	26,278			17.59	36,577	27,131	Modterm Tng. & Exp.	
	File Clerks	370	230	0	0	10		20,199			14.21	29,556	20,949	Short-term Tng. & Exp.	
	Hotel, Motel, and Resort Desk Clerks	460	520	70	10		30				13.06	27,155	20,956	Short-term Tng. & Exp.	
	Interviewers, Except Eligibility and Loan	210	230 120	30 20	0	10	10 10		8.74 7.61	18,179 15,824	17.11	35,588 28,385	25,460 21,598	Short-term Tng. & Exp.	
	Library Assistants, Clerical Loan Interviewers and Clerks	110 270	280	0	0	10					13.65 17.45	28,383 36,293	28,351	Short-term Tng. & Exp. Short-term Tng. & Exp.	
	New Accounts Clerks	90	80		0	0		28,592			18.86	39,232	26,500	Work Exp. in a related occ.	
	Order Clerks	230	180		0						19.74	41,065	27,387	Short-term Tng. & Exp.	
15 1151	Human Resources Assistants, Except Payroll and	250	100			10	10	27,170	7.17	10,011	17.71	11,005	27,507	Short term ring, to Exp.	
43-4161	Timekeeping	220	260	40	0	0	10	32,069	10.56	21,960	21.88	45,510	33,521	Short-term Tng. & Exp.	
	Receptionists and Information Clerks	3,010	3,490	480	50	70	120	20,714			13.49	28,068	21,571	Short-term Tng. & Exp.	Cert. Avail.
43-4199	Information and Record Clerks, All Other	290	280	0	0	10		28,590			20.89	43,452	30,762	Short-term Tng. & Exp.	
	Couriers and Messengers	270			0	10		19,012			12.65	26,310	21,938	Short-term Tng. & Exp.	
43-5031	Police, Fire, and Ambulance Dispatchers	240	290	50	10	10	10	25,003	7.68	15,979	16.98	35,313	26,752	Modterm Tng. & Exp.	
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,200	1,300	100	10	30	40	34,581	8.15	16,960	25.11	52,221	33,250	Modterm Tng. & Exp.	
	Production, Planning, and Expediting Clerks	330	380	60	10	10	20	41,418			27.72	57,654	42,143	Short-term Tng. & Exp.	
	Shipping, Receiving, and Traffic Clerks	1,120	1,180	60	10	30		28,351	8.39	17,457	20.37	42,378	28,574	Short-term Tng. & Exp.	
43-5081	Stock Clerks and Order Fillers	3,100	2,960	0	0	70	70	20,821	7.03	14,622	15.16	31,528	21,474	Short-term Tng. & Exp.	
	Weighers, Measurers, Checkers, and Samplers,														
43-5111	Recordkeeping Executive Secretaries and Administrative	150	130	0	0	0	0	26,854	7.24	15,062	18.30	38,067	29,126	Short-term Tng. & Exp.	Lic. Req.
43-6011	Assistants	1,970	2,270	300	30	30	60	34,289	11.49	23,906	22.22	46,212	35,801	Modterm Tng. & Exp.	Cert. Avail.
	Legal Secretaries	610			0	10	10	33,288			21.85	45,452	35,429	Postsecondary voc.	
43-6013	Medical Secretaries Secretaries, Except Legal, Medical, and	260	330	70	10	0	10	23,676	7.45	15,496	17.52	36,439	25,548	Postsecondary voc.	
43-6014	Executive	5,900	6,000	100	10	90	100	24,845	8.12	16,896	16.32	33,938	26,634	Modterm Tng. & Exp.	Cert. Avail.
	Computer Operators	100			0	0	100	30,255			19.66	40,886	35,471	Modterm Tng. & Exp.	CCIT. Avail.
	Data Entry Keyers	470			0	10	10	23,198			15.16	31,537	25,400	Modterm Tng. & Exp.	
	Word Processors and Typists	90	80	0	0	0	0	20,965			13.64	28,362	29,563	Modterm Tng. & Exp.	
	Mail Clerks and Mail Machine Operators, Except														
43-9051	Postal Service	40	30	0	0	0	0	20,319	7.21	15,006	12.82	26,662	24,292	Short-term Tng. & Exp.	
	Office Clerks, General	5,000			60	90					15.23	31,670	21,555	Short-term Tng. & Exp.	
43-9071	Office Machine Operators, Except Computer	50	40	0	0	0	0	27,028	9.04	18,810	19.16	39,854	27,823	Short-term Tng. & Exp.	
12 0100	Office and Administrative Support Workers, All	210	210					22.021	0.55	10.100	22.65	40.220	21.025		
43-9199	Other First-Line Supervisors/Managers of Farming,	210	210	0	0	10	10	32,921	8.75	18,198	23.67	49,238	31,927	Short-term Tng. & Exp.	
45-1011	Fishing, and Forestry Workers	110	90	0	0	0	0	36,788	8.63	17,955	29.21	60,759	44,440	Modterm Tng. & Exp.	
45-2041	Graders and Sorters, Agricultural Products	70	70		0	0		17,863		14,149	12.14	25,248	23,057	Work Exp. in a related occ.	Lic. Req.
45-2093	Farmworkers, Farm and Ranch Animals First-Line Supervisors/Managers of Construction	230	200	0	0	10	10	20,698	7.09	14,754	13.83	28,764	21,648	Modterm Tng. & Exp.	
47-1011	Trades and Extraction Workers	1,970	2,260	290	30	30	60	62,392	17.12	35,607	47.87	99,566	56,840	Work Exp. in a related occ.	
	Brickmasons and Blockmasons	100	110	10	0	0	0	33,381			24.28	50,502	41,697	Long-term Tng. & Exp.	Cert. Avail.
	Carpenters	1,810	2,060	260	30	20	50	35,776	11.61	24,155	23.12	48,081	37,217	Long-term Tng. & Exp.	Cert. Avail.
	Cement Masons and Concrete Finishers	170	190	20	0	10	10	29,439			19.31	40,172	35,457	Long-term Tng. & Exp.	
47-2061	Construction Laborers	1,630	1,850	220	20	10	30	26,240	8.14	16,928	19.60	40,774	26,445	Modterm Tng. & Exp.	Cert. Avail.

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	Paving, Surfacing, and Tamping Equipment														
47-2072	Operators Pile-Driver Operators Operating Engineers and Other Construction	120 40	130 50	10 0	0	0	0	34,587 39,607	10.44 13.05		28.17 30.88	58,600 64,232	33,222 39,460	Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Equipment Operators	1,420	1,670	240	20	30	50	35,839	10.64	22,131	28.85	59,998	37,325	Modterm Tng. & Exp.	Cert. Avail.
	Drywall and Ceiling Tile Installers	300	330	30	0	0	10	30,351	10.43		17.95	37,332	33,049	Modterm Tng. & Exp.	
47-2111	Electricians	1,570	1,780	210	20	40	60	43,065	13.65		31.59	65,703	43,538	Long-term Tng. & Exp.	Lic. Req.
47-2121		120	140	20	0	0	0	23,981	7.54		15.80	32,860	32,218	Long-term Tng. & Exp.	Cert. Avail.
	Insulation Workers, Floor, Ceiling, and Wall	40	50	0	0	0	0	28,980	11.68		15.93	33,143	30,285	Modterm Tng. & Exp.	Cert. Avail.
	Painters, Construction and Maintenance	2,130	2,460	330	30 0		70	34,411	10.52		22.22	46,227	32,941	Modterm Tng. & Exp.	Cert. Avail.
	Pipelayers Plumbers, Pipefitters, and Steamfitters	340 1,190	370 1,370	30 180	20	10 30	10 40	37,254 38,131	10.63 10.80		27.44 25.27	57,084 52,572	32,756 43,985	Modterm Tng. & Exp. Long-term Tng. & Exp.	Lic. Req.
47-2132		1,190	50	100	0	0	40	31,719	10.80		19.20	39,944	30,984	Modterm Tng. & Exp.	Cert. Avail.
	Sheet Metal Workers	170	200	30	0	0	10	33,072	11.01		21.27	44,237	35,518	Modterm Tng. & Exp.	Cert. Avail.
	Structural Iron and Steel Workers	340	400	60	10		20	35,208	10.98		24.02	49,962	38,140	Long-term Tng. & Exp.	
	HelpersBrickmasons, Blockmasons,														
47-3011	Stonemasons, and Tile and Marble Setters	50	60	10	0	0	0	21,479	7.13		15.15	31,504	26,304	Short-term Tng. & Exp.	
	HelpersCarpenters	200	240	40	0		10	21,254	7.22		13.83	28,774	23,989	Short-term Tng. & Exp.	
	HelpersElectricians HelpersPainters, Paperhangers, Plasterers, and	420 190	460 200	40	0		20	24,581	8.11		16.21 15.41	33,713	25,933	Short-term Tng. & Exp.	
	Stucco Masons HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	290	320	30	0		10	24,308 25,034	8.05 8.75		15.41	32,056 33,421	24,489 29,025	Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Helpers, Construction Trades, All Other	120	140	20	0	0	10	22,395	7.43		14.73	30,645	26,183	Short-term Tng. & Exp.	
	Construction and Building Inspectors	230	280	50	10	0	10	43,110	12.64		31.11	64,715	50,772	Work Exp. in a related occ.	Lic. Req.
	Highway Maintenance Workers	240	290	40	0	0	10	26,590	7.92		22.03	45,828	29,810	Modterm Tng. & Exp.	
47-5011	Derrick Operators, Oil and Gas	540	540	0	0	10	10	46,329	15.69	32,637	29.12	60,572	45,482	Modterm Tng. & Exp.	
	Rotary Drill Operators, Oil and Gas	500	590	90	10	10	10	56,584	17.28		37.56	78,115	60,521	Modterm Tng. & Exp.	
	Service Unit Operators, Oil, Gas, and Mining	2,600	3,190	590	60	30	90	41,990	13.26		33.30	69,263	42,596	Modterm Tng. & Exp.	
	Mining Machine Operators, All Other	150	190	30 290	0		10	40,205	11.05		25.59	53,235	43,983	Modterm Tng. & Exp.	
	Roustabouts, Oil and Gas HelpersExtraction Workers	1,440 420	1,720 530	290 110	30 10	40 10	70 20	29,184 28,774	9.30 9.23		20.77 21.91	43,199 45,564	31,819 31,678	Modterm Tng. & Exp.	
	Extraction Workers, All Other First-Line Supervisors/Managers of Mechanics,	210	240	30	0		10	43,347	15.08		28.91	60,140	44,095	Short-term Tng. & Exp. Modterm Tng. & Exp.	
49-1011	Installers, and Repairers Computer, Automated Teller, and Office Machine	1,430	1,650	220	20	30	60	55,149	17.04	35,449	38.87	80,859	55,592	Work Exp. in a related occ.	
	Repairers Telecommunications Equipment Installers and	90	90	0	0		0	35,921	8.11		25.47	52,984	27,070	Postsecondary voc.	
	Repairers, Except Line Installers	150	140	0	0		0	44,587	12.20		30.12	62,641	45,338	Postsecondary voc.	
	Avionics Technicians Electrical and Electronics Repairers, Commercial	220	250	30	0		10	45,991	15.12		31.07	64,619	47,450	Postsecondary voc.	
	and Industrial Equipment Electronic Home Entertainment Equipment	80	90	10	0	0	0	52,904	13.50		36.15	75,184	55,943	Postsecondary voc.	
	Installers and Repairers Security and Fire Alarm Systems Installers	50 140	60 180	10 30	0	0	10	24,056 32,942	7.06 10.67		18.32 20.67	38,110 42,992	31,386 34,839	Postsecondary voc. Postsecondary voc.	
	Aircraft Mechanics and Service Technicians	620	740	120	10	10	20	50,942			35.71	74,281	49,905	Postsecondary voc.	
	Automotive Body and Related Repairers	190	220	40	0	0	10	35,650	8.48		27.04	56,246	34,332	Long-term Tng. & Exp.	Cert. Avail.
	Automotive Glass Installers and Repairers	80	110	30	0	0	10	26,581	8.87		18.01	37,462	28,445	Long-term Tng. & Exp.	
	Automotive Service Technicians and Mechanics Bus and Truck Mechanics and Diesel Engine	1,350	1,680	320	30	30	60	30,569	8.32		22.04	45,851	32,658	Postsecondary voc.	Cert. Avail.
	Specialists	420	470	50	10		10	38,449	13.12		23.80	49,505	39,406	Postsecondary voc.	Cert. Avail.
	Farm Equipment Mechanics Mobile Heavy Equipment Mechanics, Except	30	30	0	0	0	0	43,614	15.61		25.00	51,992	33,864	Postsecondary voc.	
49-3042	Outdoor Power Equipment and Other Small	630	740	110	10		20	39,028	12.00		24.90	51,795	41,208	Postsecondary voc.	
	Engine Mechanics Tire Repairers and Changers Heating Air Conditioning and Refrigeration	30 270	30 350	0 70	0 10	0 10	10	25,593 23,098	8.68 7.24		16.38 15.57	34,061 32,394	24,726 21,998	Modterm Tng. & Exp. Short-term Tng. & Exp.	Cert. Avail.
40,0021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	340	380	50	10	10	10	32,364	10.58	22,002	22.77	47,364	38,086	Long-term Tng. & Exp.	Cert. Avail.
	Home Appliance Repairers	70	380 80	10	0	0	10	27,374	8.56		16.78	34,908	33,596	Long-term Ing. & Exp. Long-term Tng. & Exp.	Cert. Avail.
	Industrial Machinery Mechanics	1,840	2,520	680	70		100		13.34		30.04	62,484	45,547	Long-term Tng. & Exp.	Cert. Avail.
49-9042	Maintenance and Repair Workers, General	5,260	5,810	550	60		70	32,860	7.89	16,412	24.90	51,786	33,524	Long-term Tng. & Exp.	
	Maintenance Workers, Machinery	780	970	180	20	10	30	35,566			27.55	57,302	36,931	Long-term Tng. & Exp.	
	Millwrights Telecommunications Line Installers and	100	110	10	0	0	0	45,382	11.84		32.73	68,070	43,614	Long-term Tng. & Exp.	Cert. Avail.
49-9052	Repairers	410	410	0	0	10	10	39,951	11.44	23,799	27.40	56,982	38,638	Long-term Tng. & Exp.	

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Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
40.0062	M. F. d F. d	70	00	20			0	27,470	10% 10		10% 12	57.155	12.510	M. I	
49-9062	Medical Equipment Repairers Coin, Vending, and Amusement Machine	70	90	20	0	0	0	37,479	12.43	25,846	27.00	56,155	43,540	Modterm Tng. & Exp.	
49-9091	Servicers and Repairers	190	200	10	0	10	10	26,154	7.33	15,256	18.75	39,006	27,143	Modterm Tng. & Exp.	
	Commercial Divers	440		120	10	0	20	57,694	16.69		46.39	96,490		Postsecondary voc.	
49-9096		930		140	10	10	20	37,379	9.78		29.49	61,344		Short-term Tng. & Exp.	
	HelpersInstallation, Maintenance, and Repair														
49-9098	Workers	1,160	1,360	190	20	30	50	24,943	7.45	15,498	17.47	36,342	24,091	Short-term Tng. & Exp.	
	Installation, Maintenance, and Repair Workers,					_									
49-9099	All Other First-Line Supervisors/Managers of Production	630	750	120	10	0	20	34,447	9.90	20,601	26.16	54,409	36,426	Long-term Tng. & Exp.	
51-1011	and Operating Workers Aircraft Structure, Surfaces, Rigging, and	2,130	2,310	180	20	40	50	53,580	15.09	31,381	38.34	79,757	57,144	Work Exp. in a related occ.	
51-2011	Systems Assemblers	170	220	50	10	0	10	30,485	9.29	19,333	22.96	47,757	32,593	Long-term Tng. & Exp.	
	Engine and Other Machine Assemblers	30	30	0	0	0	0	37,778	12.09	25,144	23.07	47,977	36,188	Short-term Tng. & Exp.	
	Structural Metal Fabricators and Fitters	730		110	10	10	20	37,411	13.19		22.55	46,906	40,063	Modterm Tng. & Exp.	Cert. Avail.
	Team Assemblers	730	740	10	0	20	20	30,180	8.78		21.68	45,096	29,346	Modterm Tng. & Exp.	
	Assemblers and Fabricators, All Other	500		10	0	10	10	36,587	8.71		29.14	60,607	NA	Modterm Tng. & Exp.	
51-3011		240		30	0	10	10	21,160	7.32		14.44	30,028	21,767	Long-term Tng. & Exp.	
	Butchers and Meat Cutters Meat, Poultry, and Fish Cutters and Trimmers	580 290	570 320	30	0	20 10	20 10	26,186 16,239	8.00 6.77		17.91 9.82	37,253 20,424	26,726 18,782	Long-term Tng. & Exp. Short-term Tng. & Exp.	
	Slaughterers and Meat Packers	130		10	0		10	19,286	7.00		12.96	26,963	18,392	Modterm Tng. & Exp.	
	Food Batchmakers	230		30	0	10	10	19,821	6.85		14.83	30,852		Short-term Tng. & Exp.	
	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	30		0	0		0	35,165	12.67		21.04	43,772	33,532	Modterm Tng. & Exp.	
	Cutting, Punching, and Press Machine Setters,														
51-4031	Operators, and Tenders, Metal and Plastic Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders,	160	170	10	0	0	10	33,490	12.04	25,049	20.39	42,421	32,171	Modterm Tng. & Exp.	
51-4033	Metal and Plastic Lathe and Turning Machine Tool Setters,	140	160	20	0	0	0	29,702	9.80	20,389	19.11	39,747	29,744	Modterm Tng. & Exp.	
	Operators, and Tenders, Metal and Plastic Milling and Planing Machine Setters, Operators,	80		0	0	0	0	36,068	11.41		21.96	45,675	35,505	Modterm Tng. & Exp.	
	and Tenders, Metal and Plastic	60	60	0	0	0	0	29,507	8.70		20.91	43,497	38,438	Modterm Tng. & Exp.	
51-4041	Machinists	2,200	2,410	210	20	30	60	38,157	12.76	26,535	24.71	51,395	40,654	Long-term Tng. & Exp.	
51 4091	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	50	50	10	0	0	0	32,251	9.64	20,061	22.05	45,874	29,551	Mod tarm Tng & Evn	
	Tool and Die Makers	40	50	10	0	0	0	49,360	16.22		31.31	65,121	50,340	Modterm Tng. & Exp. Long-term Tng. & Exp.	
	Welders, Cutters, Solderers, and Brazers	3,920		810	80	80	160	38,442	12.62		24.46	50,880		Postsecondary voc.	Cert. Avail.
	Tool Grinders, Filers, and Sharpeners	40		0	0	0	0	25,168	8.91		17.48	36,364	34,782	Modterm Tng. & Exp.	
	Bindery Workers	20	20	0	0	0	0	26,275	8.40	17,466	22.20	46,174	23,029	Modterm Tng. & Exp.	
	Prepress Technicians and Workers	40		0	0	0	0	25,397	8.85		15.06	31,329	30,018	Long-term Tng. & Exp.	
	Printing Machine Operators	160		0	0	0	0	25,802	7.30		17.63	36,668	28,256	Modterm Tng. & Exp.	
51-6011	Laundry and Dry-Cleaning Workers	650	780	120	10	20	30	16,920	6.83	14,198	9.76	20,298	18,112	Modterm Tng. & Exp.	
51 6021	Pressers, Textile, Garment, and Related Materials	160	180	20	0	0	0	18,810	7.82	16,271	10.73	22,311	19,246	Short-term Tng. & Exp.	
	Sewing Machine Operators	290	250	20	0	0	0	19,619	7.02		12.24	25,469	19,738	Modterm Tng. & Exp.	
	Tailors, Dressmakers, and Custom Sewers	110		0	0	0	0	17,853	6.90		11.19	23,277	20,764	Work Exp. in a related occ.	
	Cabinetmakers and Bench Carpenters	200		50	10	10	10	27,189	10.49		15.81	32,892		Long-term Tng. & Exp.	
	Power Plant Operators	40	30	0	0	0	0	47,597	14.07		33.36	69,382		Long-term Tng. & Exp.	
	Water and Liquid Waste Treatment Plant and														
	System Operators	260		40	0	10	10	27,943	8.77		19.19	39,906	29,751	Long-term Tng. & Exp.	Lic. Req.
51-8092	Gas Plant Operators	90	70	0	0	0	0	51,200	15.15	31,511	32.74	68,101	55,468	Long-term Tng. & Exp.	Lic. Req.
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers Crushing, Grinding, and Polishing Machine	980	1,010	30	0	30	30	55,358	17.66	36,732	38.15	79,355	58,912	Long-term Tng. & Exp.	
51-9021	Setters, Operators, and Tenders	70	60	0	0	0	0	29,713	10.89	22,644	18.24	37,930	36,028	Modterm Tng. & Exp.	
	Grinding and Polishing Workers, Hand Mixing and Blending Machine Setters,	40	40	0	0	0	0	29,690	11.79		17.82	37,067	27,747	Modterm Tng. & Exp.	
	Operators, and Tenders	40		0	0	0	0	33,807	10.11		22.45	46,692		Modterm Tng. & Exp.	
	Cutters and Trimmers, Hand Cutting and Slicing Machine Setters, Operators,	20		10	0	0	0	25,667	8.62		19.46	40,474		Short-term Tng. & Exp.	
	and Tenders Inspectors, Testers, Sorters, Samplers, and	40		0	0	0	0	29,452	7.80		20.26	42,133		Modterm Tng. & Exp.	
	Weighers	1,970		270	30	30	60	41,777	11.51	23,943	33.37	69,408		Modterm Tng. & Exp.	Lic. Req.
31-9081	Dental Laboratory Technicians Packaging and Filling Machine Operators and	70	90	20	0	0	0	26,924	8.21	17,076	17.29	35,958	28,791	Long-term Tng. & Exp.	
51-9111		180	160	0	0	0	0	21,379	7.16	14,903	14.78	30,738	27,579	Short-term Tng. & Exp.	

Occupa- tional		2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New	Annual Replace-	Annual Total	2010 RLMA 1 Annual Average	2010 RLMA 1 Hourly Avg.	2010 RLMA 1 Annual Avg. Wage	2010 RLMA 1 Hourly Avg.	2010 RLMA 1 Annual Avg. Wage - Highest	2010 State Annual Average	Most Significant Source of Education or Training 15	Occupational License
Code					Growth ⁶	ment ⁷	Openings 8	Wage 9	Wage - Lowest	Lowest 10% ¹¹	Wage - Highest 10% 12	10% ¹³	Wage 14		Required ¹⁶
	Coating, Painting, and Spraying Machine Setters,														
	Operators, and Tenders	290	290	0	0	10	10	32,199	10.87			42,942	33,270	Modterm Tng. & Exp.	
51-9122	Painters, Transportation Equipment	150	160	10	0	0	0	38,380	13.04	27,115	24.59	51,157	38,652	Modterm Tng. & Exp.	
51-9123	Painting, Coating, and Decorating Workers	40	60	10	0	0	0	23,152	8.07	16,782	14.80	30,777	22,685	Short-term Tng. & Exp.	
51-9131	Photographic Process Workers	20	10	0	0	0	0	16,870	6.96	14,487	9.40	19,556	18,966	Modterm Tng. & Exp.	
51.0105	Molders, Shapers, and Casters, Except Metal and	100	220	20				22.070			15.61	26.620	20.562		
51-9195		190	220	30		0	10	22,978	6.96		17.61	36,639	29,563	Modterm Tng. & Exp.	
	Production Workers, All Other First-Line Supervisors/Managers of Helpers,	1,660	,	60			40	31,881	7.98			50,282	31,472	Modterm Tng. & Exp.	
53-1021	Laborers, and Material Movers, Hand First-Line Supervisors/Managers of	480	540	70	10	10	20	43,551	12.41	25,805	33.29	69,237	43,835	Work Exp. in a related occ.	
	Transportation and Material-Moving Machine														
	and Vehicle Operators	460		60	10	10	20	51,321	15.41			75,851	52,393	Work Exp. in a related occ.	
53-2012	Commercial Pilots Ambulance Drivers and Attendants, Except	210	210	0	0	10	10	78,072	NA	52,101	NA	108,416	68,393	Postsecondary voc.	
	Emergency Medical Technicians	80	90	20		0	0	22,833	7.09		15.59	32,422	23,511	Modterm Tng. & Exp.	
	Bus Drivers, School	1,410		100	10	20	30	18,937	7.02			24,788	18,608	Short-term Tng. & Exp.	
	Driver/Sales Workers	480	490	20	-	10	10	25,316	7.59		18.35	38,176		Short-term Tng. & Exp.	
	Truck Drivers, Heavy and Tractor-Trailer	4,790	5,210	420	40	90	130	33,856	10.98		24.23	50,408	35,203	Modterm Tng. & Exp.	Lic. Req.
	Truck Drivers, Light or Delivery Services	3,110		410	40	60	100	24,562	7.11		18.87	39,260	28,162	Short-term Tng. & Exp.	
	Taxi Drivers and Chauffeurs	440	370	0	0	10	10	25,102	7.10		18.40	38,275	22,321	Short-term Tng. & Exp.	
	Sailors and Marine Oilers	1,090		220		40	60	36,228	11.36		24.93	51,858	38,034	Short-term Tng. & Exp.	Lic. Req.
	Captains, Mates, and Pilots of Water Vessels	1,340	, , ,	270		40	60	73,060	21.36			107,416	73,698	Work Exp. in a related occ.	Lic. Req.
	Motorboat Operators	80		10	0	0	0	36,052	13.17			51,532	42,565	Short-term Tng. & Exp.	
	Ship Engineers	520		110	10		30	57,452	14.18			86,717	64,227	Postsecondary voc.	
	Parking Lot Attendants	80		0	0	0	0	19,204	7.11			23,817	17,594	Short-term Tng. & Exp.	
	Service Station Attendants	90		40	0	0	10	20,661	7.76		12.28	25,537	20,300	Short-term Tng. & Exp.	
	Conveyor Operators and Tenders	100		0	0	0	0	32,973	11.28		22.96	47,749	32,510	Short-term Tng. & Exp.	
53-7021	Crane and Tower Operators Excavating and Loading Machine and Dragline	430	520	90	10	10	20	47,791	15.29	31,798	30.34	63,106	44,638	Modterm Tng. & Exp.	Cert. Avail.
53-7032	Operators	830	1,030	200	20	10	30	32,313	11.84	24,634	19.70	40,972	33,639	Modterm Tng. & Exp.	
	Industrial Truck and Tractor Operators	850		0	0	20	20	30,742	9.95		20.06	41.717	30,788	Short-term Tng. & Exp.	
	Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material	950	1,140	190	20	40	60	18,216	6.88			24,533	20,520	Short-term Tng. & Exp.	
53-7062	Movers, Hand	7,990	8,350	350	40	260	290	23,507	7.21	15.007	17.29	35,971	22,623	Short-term Tng. & Exp.	
	Packers and Packagers, Hand	570		0	0	10	10	20,539	6.81		17.71	36,827	21,823	Short-term Tng. & Exp.	
	Refuse and Recyclable Material Collectors	270		0	0	10	10	23,872	7.89		15.80	32,857	24,623	Short-term Tng. & Exp.	
	Material Moving Workers, All Other	120		0		0	0	29,546	7.51		23.21	48,280	35,291	Short-term Tng. & Exp.	

(by SOC code)

RLMA 4: Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Mary, St. Martin, Vermilion

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10
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¹Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks.

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

³ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.
⁴ 2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

^{9 2010} Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

 $^{^{13}}$ Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

¹⁵ Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

RLMA5 : Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

Lake Charles - Southwest - Regional Labor Market Area 5 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011

Regional Labor Market Area 5: Allen, Beauregard, Calcasieu, Cameron, & Jefferson Davis

			Regional	l Labor M	larket Are	ea 5 : Ali	en, Beaures	gard, Calca	ısieu, Car	neron, & J	efferson L	Davis			
Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage 9	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
									10% 10	10%	10% 12				
	Total, All Occupations	127,350		10,760	1,080	2,900	3,980								
	Chief Executives	130		0	0	0	0	\$142,366		\$76,485		>\$166,400		Wk Exp.+ Bachelor's or higher degree	
	General and Operations Managers	2,140 70		0	0	50 0	50	92,768 15,690	21.40 NA	44,520 13,986	>80.00 NA	>166,400 18,273		Wk Exp.+ Bachelor's or higher degree Wk Exp.+ Bachelor's or higher degree	
11-1031	Legislators Sales Managers	220		0	0	10	10	77,094	21.83	45,408	55.65	115,759		Wk Exp.+ Bachelor's or higher degree	
	Public Relations Managers	30		0	0	0	0	60,523	14.36	29,869	48.74	101,384		Wk Exp.+ Bachelor's or higher degree	
11-3011		180		10	0	10	10	57,640		32,115	39.41	81,977		Wk Exp.+ Bachelor's or higher degree	
11-3021		60	70	10	0	0	0	71,278	20.02	41,634	50.12	104,258		Wk Exp.+ Bachelor's or higher degree	Cert. Avail.
11-3031	Financial Managers	240	260	20	0	0	10	85,743	20.87	43,416	68.34	142,154		Wk Exp.+ Bachelor's or higher degree	
	Compensation and Benefits Managers	30		0	0	0	0	79,226	19.64	40,846	63.64	132,366		Wk Exp.+ Bachelor's or higher degree	
	Training and Development Managers	60		0	0	0	0	82,026	25.03	52,055	59.24	123,227		Wk Exp.+ Bachelor's or higher degree	
	Human Resources Managers, All Other	30		0	0	0	0	75,455	24.75	51,475	49.81	103,611		Wk Exp.+ Bachelor's or higher degree	
11-3051	Industrial Production Managers	110 30		10	0	0	10	92,960	24.59 20.44	51,143	68.09 59.38	141,620			
11-3001	Purchasing Managers Transportation, Storage, and Distribution	30	30	U	0	0	0	77,484	20.44	42,506	39.38	123,520	05,/59	Wk Exp.+ Bachelor's or higher degree	
11-3071	Managers	100	120	20	0	0	10	68,919	20.30	42,224	48.70	101,289	66,553	Work Exp. in a related occ.	Lic. Req.
	Construction Managers	570		40	0	10	10	78,024	26.03	54,147	50.43	104,886			Lie. req.
	Education Administrators, Elementary and														
11-9032	Secondary School	260	270	10	0	10	10	67,354	NA	55,538	NA	81,678	67,394	Wk Exp.+ Bachelor's or higher degree	
11-9039	Education Administrators, All Other	20		0	0	0	0	37,814	13.16	27,383	29.37	61,090	77,637	Wk Exp.+ Bachelor's or higher degree	
11-9041		130		10	0	0	0	122,136		63,298	>80.00	>166,400		Wk Exp.+ Bachelor's or higher degree	
11-9051		190		0	0	10	10	42,582		30,881	29.53	61,419			
	Gaming Managers	50		10	0	0	0	62,690	17.49	36,383	49.39	102,737		Wk Exp.+ Bachelor's or higher degree	
	Lodging Managers	110 190		10 30	0	0	10	48,664 67,427	14.01 23.16	29,141	31.53 43.59	65,590			Cert. Avail. Lic. Req.
11-9111	Medical and Health Services Managers Property, Real Estate, and Community	190	210	30	0	0	10	67,427	23.10	48,179	43.39	90,667	/5,830	Wk Exp.+ Bachelor's or higher degree	Lic. Req.
11-9141	Association Managers	250	230	0	0	0	0	38,647	12.59	26,190	24.79	51,558	41.840	Bachelor's degree	
	Social and Community Service Managers	90		20	0	0	0	55,097	15.29	31,809	41.69	86,709			
11-9199		900		110	10	20	30	75,254	20.62	42,888	54.46				
	Wholesale and Retail Buyers, Except Farm													•	
13-1022	Products	30	30	0	0	0	0	44,597	15.48	32,193	30.68	63,810	47,545	Bachelor's degree	
	Purchasing Agents, Except Wholesale, Retail,														
13-1023	and Farm Products	130	150	10	0	0	0	50,434	15.43	32,104	34.77	72,321	49,682	Bachelor's degree	
	Compliance Officers, Except Agriculture,														
12 1041	Construction, Health and Safety, and Transportation	300	300	0	0	0	0	54,493	16.55	34,424	37.84	78,702	50,085	Long-term Tng. & Exp.	
	Cost Estimators	130		30	0	0	10	52,826	17.30	35,978	38.33	79,719			
	Emergency Management Specialists	30		0	0	0	0	31,082	10.80	22,465	20.87	43,410			
15 1001	Employment, Recruitment, and Placement	50	50	Ü	0			31,002	10.00	22,100	20.07	15,110	10,070	work Exp. in a related occ.	
13-1071	Specialists	80	70	0	0	0	0	46,571	11.73	24,389	37.04	77,040	43,648	Bachelor's degree	
	Compensation, Benefits, and Job Analysis													_	
	Specialists	50		0	0	0	0	52,071	13.47	28,015	37.49	77,984			
13-1073	Training and Development Specialists	140	150	20	0	0	10	38,659	7.49	15,587	35.07	72,948	45,825	Bachelor's degree	
10.1050	Human Resources, Training, and Labor Relations			20				44.01.6	10.50	20.654	22.50	ća acć	51.004		
	Specialists, All Other	60 60		30 10	0	0	0	44,816	13.78 14.53	28,654 30,228	32.58	,			
	Logisticians Management Analysts	80		20	0	0	0	55,196 75,158	21.78	30,228 45,293	41.54 50.72	86,402 105,495		Wk Exp.+ Bachelor's or higher degree	
	Business Operations Specialists, All Other	560		140	10	10	20	47,503	13.62	28,339	35.55	73,944			
	Accountants and Auditors	700		110	10	10	20	48,968		32,902	32.03	66,620			Lic. Req.
13-2021		40	40	0	0	0	0	45,646		25,955	48.42	100,714			
13-2031	Budget Analysts	20	30	0	0	0	0	50,522	13.99	29,094	33.04	68,723	56,659		
	Financial Analysts	40		0	0	0	0	63,299	21.25	44,207	43.37	90,209			
	Personal Financial Advisors	20		10	0	0	0	48,271	12.72	26,448	32.16				
13-2072	Loan Officers	210	210	0	0	0	0	49,402	14.42	29,991	36.79	76,523	47,436	Bachelor's degree	
12 2001	Tan Francisco Callesto J. D						_	40.500	10.71	26.552	41.01	07.144	50.017	Dealer lands de la cons	
	Tax Examiners, Collectors, and Revenue Agents	30 180		0	0	0	0	49,593	12.76 10.14	26,550	41.91 21.19	87,164	50,847 29,388		
	Tax Preparers Financial Specialists, All Other	20		0	0	0	0	30,411 48,763	13.71	21,095 28,512	33.03				
	Computer Programmers	120		0	0	0	0	60,446	19.91	41,415	40.99	85,265			Cert. Avail.
	Computer Software Engineers, Applications	30		10	0	0	0	72,527	23.06	47,965	48.95	101,820			Cert. Avail.
	Computer Support Specialists	150	150	10	0	10	10		13.29	27,641	34.50	71,758			Cert. Avail.

(in order by occupational code)
RLMA5 : Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

		I						2010	2010	2010	2010	4040 PX 3 - :			
Occupa- tional	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New	Annual Replace-	Annual Total	2010 RLMA 1 Annual	RLMA 1 Hourly Avg.	RLMA 1 Annual Avg. Wage -	RLMA 1 Hourly Avg.	2010 RLMA 1 Annual Avg. Wage -	2010 State Annual Average	Most Significant Source of Education or Training ¹⁵	Occupational License
Code 1			,		Growth °	ment '	Openings ⁸	Average Wage ⁹	Wage - Lowest	Lowest 10% 11	Wage - Highest	Highest 10% ¹³	Wage 14		Required 16
15-1051	Computer Systems Analysts	110	130	20	0	0	10	63,638	10% ¹⁰ 17.39		10% ¹² 44.15	91,842	57,502	Bachelor's degree	Cert. Avail.
15-1051	Computer Systems Analysis	110	150	20	0	0	10	05,056	17.39	30,100	44.13	91,042	37,302	Bacheloi s degree	Cert. Avaii.
	Network and Computer Systems Administrators Network Systems and Data Communications	60	80	20	0	0	0	68,003	20.22		58.18	121,013	56,090	Bachelor's degree	Cert. Avail.
	Analysts Computer Specialists, All Other	50 80	70 80	20	0	0	0	56,709 59,054	17.43 15.15		41.26 46.26	85,823 96,220	55,026 72,653	Bachelor's degree Postsecondary voc.	
	Architects, Except Landscape and Naval	40	40	10	0	0	0	94,849	19.53			129,291	68,303	Bachelor's degree	Lic. Req.
17-1022	Surveyors	70	80	10	0	0	0	33,254	7.38	15,354	30.46		50,478	Bachelor's degree	Lic. Req.
	Chemical Engineers	190	190	0	0	10	10	87,561	30.00		59.75	124,281	97,472	Bachelor's degree	Lic. Req.
	Civil Engineers Electrical Engineers	110 20	110 30	10	0	0	0	82,499 71,218	21.72 21.21		68.78 54.05	143,065 112,428	88,136 86,049	Bachelor's degree Bachelor's degree	Lic. Req. Lic. Req.
	Environmental Engineers	50	60	10	0	0	0	69,662	22.64		48.18	100,209	73,098	Bachelor's degree	Lic. Req.
	Health and Safety Engineers, Except Mining			10										_	Lie. req.
	Safety Engineers and Inspectors	70	70	0	0	0	0	66,981	24.12		42.51	88,430		Bachelor's degree	
	Industrial Engineers Mechanical Engineers	100 130	130 140	20 10	0	0	10	93,168 86,008	31.74 25.82		58.14 60.67	120936	70,385 82,788	Bachelor's degree	Lic. Req.
	Petroleum Engineers	30	30	10	0	0	0	91,840	29.82		63.92	126,203 132,963	99,196	Bachelor's degree Bachelor's degree	Lic. Req. Lic. Req.
	Engineers, All Other	240	260	20	0	0	10	74,023	23.29		52.56	109,315		Bachelor's degree	Lic. Req.
	Drafters, All Other	30	40	10	0	0	0	43,270	11.85		31.64	65,808		Postsecondary voc.	
	Electrical and Electronic Engineering														
	Technicians	130	150 40	20 10	0	0	0	51,053	16.97 14.25			71,937	53,027 57,877	Associate degree	Lic. Req.
	Industrial Engineering Technicians Engineering Technicians, Except Drafters, All	30	40	10	0	0	0	65,676	14.23	29,644	48.19	100,226	37,877	Associate degree	
17-3029	Other	200	210	0	0	0	0	54,125	15.89		36.54	76,006		Associate degree	
	Surveying and Mapping Technicians	40	40	0	0	0	0	25,115	7.27		19.90	41,384	32,466	Modterm Tng. & Exp.	
19-2031	Chemists Environmental Scientists and Specialists,	100	110	0	0	0	0	72,942	20.07	41,754	53.81	111,935	67,084	Bachelor's degree	
	Including Health	80	80	0	0	0	0	56,755	17.08	35,536	42.04	87,447	59,260	Bachelor's degree	
	Chemical Technicians	410	410	0	0	10	10	59,785	21.13	43,942	37.56	78,118	52,335	Associate degree	
	Environmental Science and Protection Technicians, Including Health	70	70	0	0	0	0	44,931	13.84	28,796	31.15	64,796	48,168	Associate degree	Lic. Req.
21 1012		270	200	20				50 500	20.45	12.502	21.25	65.010	50.455		
	Educational, Vocational, and School Counselors Mental Health Counselors	370 170	390 210	20 50	0 10	10 0	10 10	53,520 32,072	20.47 8.81		31.35 24.27	65,212 50,479		Bachelor's degree Master's degree	Lic. Req.
	Rehabilitation Counselors	50	60	10	0	0	10	36,913	13.09		25.04	52,085	31,484	Master's degree	Lic. Req.
	Counselors, All Other	70		10	0	0	0	42,163	14.56		27.29	56,755		Master's degree	Lie. req.
	Child, Family, and School Social Workers	180	190	10	0	0	10	50,527	16.10		36.28	75,472		Bachelor's degree	Lic. Req.
	Medical and Public Health Social Workers Mental Health and Substance Abuse Social	100	130	30	0	0	10	43,555	14.97			56,619		Bachelor's degree	Lic. Req.
21-1023		110	170 40	60	10	0	10	37,998	13.29		24.56 33.84	51,080		Master's degree	
	Social Workers, All Other Social and Human Service Assistants	30 250	290	10 40	0	0	10	41,494 29,359	8.64 7.84		24.12	70,397 50,164	54,231 32,052	Bachelor's degree Modterm Tng. & Exp.	
	Community and Social Service Specialists, All						10								
21-1099		240	320	80	10		10	26,190	7.22		21.95	45,649		Bachelor's degree	
23-1011	Paralegals and Legal Assistants	290 220	310 260	30 40	0	10 0	10 10	92,710 37,570	18.52 11.11		71.77 23.84	149,285 49,587	94,625 42,640	First professional degree Associate degree	Lic. Req.
	Preschool Teachers, Except Special Education	310	360	50	10	10	10	18,881	6.84		15.10	31,400		Bachelor's degree	Cert. Avail.
	Kindergarten Teachers, Except Special Education Elementary School Teachers, Except Special	230	250	30	0	0	10	42,985	NA	34,174	NA	51,573	44,476	Bachelor's degree	Cert. Avail.
	Education	2,130	2,330	190	20	50	70	44,275	NA	35,091	NA	52,786	44,622	Bachelor's degree	Lic. Req.
25-2023	Vocational Education Teachers, Middle School Secondary School Teachers, Except Special and	60	60	0	0		0	45,895	NA		NA	56,875		Wk Exp.+ Bachelor's or higher degree	ne. req.
25-2031	Vocational Education Vocational Education Teachers, Secondary	910	920	10	0	30	30	45,944	NA	35,854	NA	57,503	46,159	Bachelor's degree	Lic. Req.
25-2032	School Special Education Teachers, Preschool,	120	110	0	0	0	0	49,749	NA	39,179	NA	63,013	48,615	Bachelor's degree	
	Kindergarten, and Elementary School	110		20	0		10	41,645	NA			51,293	46,244	Bachelor's degree	Cert. Avail.
	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, and GED	720	750	30	0	20	20	45,342	NA	35,738	NA	54,254	46,290	Bachelor's degree	Cert. Avail.
	Teachers and Instructors	40	40	0	0	0	0	45,203	16.95		26.50	55,123	37,658	Bachelor's degree	
	Self-Enrichment Education Teachers	140	170	30	0	0	10	45,631	16.87		28.53	59,352		Work Exp. in a related occ.	
	Teachers and Instructors, All Other	190	200	10	0	0	0	45,142	NA 17.70		NA 27.77	67,161	47,340	Bachelor's degree	Ti. D.
	Librarians Instructional Coordinators	140 240	140 290	50	0 10	0	10	46,673 51,648	17.70 16.07			57,760 66,427	48,201 48,032	Master's degree Master's degree	Lic. Req.
	Teacher Assistants	1,320	1,360	40	0		30	16,152	16.07 NA		31.94 NA	19,370		Short-term Tng. & Exp.	Cert. Avail.
	Floral Designers	90	80	0	0	0	0	23,459	7.21	14,990		33,200		Modterm Tng. & Exp.	

(in order by occupational code)
RLMA5 : Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Graphic Designers	110		0	0	0	C	31,084			19.50		36,606	Bachelor's degree	
	Coaches and Scouts	80		10	0	0	C	39,714			NA		41,262	Long-term Tng. & Exp.	
	Public Relations Specialists	70		10	0	0	0	42,418			34.85		47,997	Bachelor's degree	
27-3041		30		0	0	0	0	45,513			32.13		42,144	Bachelor's degree	
	Photographers	70 70		10	0	0		23,577 89,009			14.91 76.85		27,587 73,183	Long-term Tng. & Exp.	Lic. Req.
	Chiropractors Dentists, General	50		10	0	0		158,806					134,816	First professional degree First professional degree	Lic. Req.
	Dietitians and Nutritionists	80		10	0	0		39,686			26.00		45,081	Bachelor's degree	Lic. Req.
_,	Pharmacists	230		40	0	0	10	101,917			66.68		102,448	First professional degree	Lic. Req.
29-1069	Physicians and Surgeons, All Other	120	140	30	0	0	10	159,888			>80.00		190,503	First professional degree	Lic. Req.
	Registered Nurses	2,340		410	40	40	80				38.54		60,721	Associate degree	Lic. Req.
	Occupational Therapists	40	50	10	0	0	0	79,439	25.76	53,583	52.97	110,185	70,945	Bachelor's degree	Lic. Req.
29-1123	Physical Therapists	130		40	0	0	10	81,309	24.28	50,506	60.45	125,727	77,994	Master's degree	Lic. Req.
	Respiratory Therapists	140	160	20	0	0	C	47,691	17.10		28.34		48,767	Associate degree	Lic. Req.
	Veterinarians	40		10	0	0	C	126,645			>80.00		81,885	First professional degree	Lic. Req.
	Medical and Clinical Laboratory Technologists	150		10	0	0	C	53,650			34.08		48,950	Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	100		10	0	0	0	25,690			18.33		32,526	Associate degree	
	Dental Hygienists	160		50	10	0	10	42,689			37.34		56,404	Associate degree	Lic. Req.
	Cardiovascular Technologists and Technicians	50		10	0	0	C	32,948			27.18		39,186	Associate degree	
	Diagnostic Medical Sonographers	60		10	0	0	0	56,692			39.63		58,984	Associate degree	
29-2034	Radiologic Technologists and Technicians	280	320	40	0	0	10	45,741	15.78	32,828	30.22	62,854	47,836	Associate degree	Lic. Req.
	Emergency Medical Technicians and Paramedics	230		50	10	0	10	33,131					33,706	Postsecondary voc.	Lic. Req.
	Dietetic Technicians	50		10	0	0	C	25,527			17.43		23,304	Modterm Tng. & Exp.	
	Pharmacy Technicians	320		80	10	10	20	25,877			15.28		27,344	Modterm Tng. & Exp.	Lic. Req.
	Psychiatric Technicians	80		0	0	0	C	19,623			11.36		23,636	Postsecondary voc.	
	Surgical Technologists	80		10	0	0	0	37,389			24.74		37,644	Postsecondary voc.	
	Veterinary Technologists and Technicians Licensed Practical and Licensed Vocational	40		10	0	0	· ·	22,296			14.74		23,704	Associate degree	Lic. Req.
	Nurses Medical Records and Health Information	1,240		300	30	30	60	37,019			22.60		37,564	Postsecondary voc.	Lic. Req.
	Technicians	130		30	0	0	10	27,624			20.50		28,555	Associate degree	Cert. Avail.
	Opticians, Dispensing	30		0	0	0	C	24,369			14.44		29,866	Long-term Tng. & Exp.	
	Health Technologists and Technicians, All Other	20		10	0	0	C	32,253			19.98		35,561	Long-term Tng. & Exp.	Lic. Req.
	Occupational Health and Safety Specialists	60		0	0	0	C	65,642			40.23		65,011	Bachelor's degree	
	Home Health Aides	720		400	40	10	50	18,108			11.10		18,934	Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	1,840 220		420 50	40 10	20 0	60	18,754			11.57 13.43		19,829 22,987	Short-term Tng. & Exp.	Lic. Req.
	Psychiatric Aides	60		20	0	0	10	21,461 47,624			34.90		42,071	Short-term Tng. & Exp. Associate degree	Lic. Req.
	Physical Therapist Assistants Physical Therapist Aides	50		10	0	0		20,556			13.01		22,287	Short-term Tng. & Exp.	Lic. Req.
	Massage Therapists	90		10	0	0		25,717			24.95		29,431	Postsecondary voc.	Lic. Req.
	Dental Assistants	180		60	10	0	10	26,268			17.35		27,984	Modterm Tng. & Exp.	Lic. Req.
	Medical Assistants	270		100	10	0	10	21,658			13.99		25,506	Modterm Tng. & Exp.	Cert. Avail.
	Medical Equipment Preparers	30		0	0	0	C	25,475			16.85		24,408	Short-term Tng. & Exp.	
31-9094	Medical Transcriptionists Veterinary Assistants and Laboratory Animal	110	110	10	0	0	C	24,563	8.12	16,899	17.03	35,420	29,210	Postsecondary voc.	
31-9096	Caretakers	80	90	10	0	0	0	20,917	7.14	14,853	12.54	26,085	22,780	Short-term Tng. & Exp.	
31-9099	Healthcare Support Workers, All Other	180		50	10	0	10	22,623			15.45		25,805	Short-term Tng. & Exp.	Lic. Req.
33-1011		70	80	10	0	0	0	57,692	18.06	37,570	35.22	73,267	55,005	Work Exp. in a related occ.	
33-1012	First-Line Supervisors/Managers of Police and Detectives	100	100	0	0	0	C	49,813	17.25	35,886	31.88	66,312	61,419	Work Exp. in a related occ.	
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	60	60	0	0	0	C	34,338	12.34	25,671	21.01	43,708	50,559	Work Exp. in a related occ.	
	First-Line Supervisors/Managers, Protective Service Workers, All Other	50	50	0	0	0	n	45,597			33.54	69,770	41,767	Work Exp. in a related occ.	
	Correctional Officers and Jailers	910		110	10	20	30	44,543					35,604	Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	240		30	0	10	10	65,734			44.78		51,834	Work Exp. in a related occ.	
	Animal Control Workers Gaming Surveillance Officers and Gaming	30	30	0	0	0	C	21,910			14.73		26,746	Modterm Tng. & Exp.	Lic. Req.
33-9031	Investigators	210	230	30	0	0	10	28,881	8.61	17,904	23.45	48,771	30,107	Modterm Tng. & Exp.	
	Security Guards	740		20	0	20	20	22,089			15.22		23,449	Short-term Tng. & Exp.	Lic. Req.
33-9091	Crossing Guards	20		0	0	0	C	17,866			9.84		20,753	Short-term Tng. & Exp.	-
	Protective Service Workers, All Other	50		10	0	0	10	20,663			12.23		34,858	Short-term Tng. & Exp.	
35-1011	Chefs and Head Cooks	200	190	0	0	0	0	43,858	12.08	25,116	33.20	69,065	37,973	Postsecondary voc.	

Lake Charles - Southwest - Regional Labor Market Area 5 Projections for All Occupations to 2018 (in order by occupational code) RLMA5 : Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

tional Code ¹	Occupational Title ² First-Line Supervisors/Managers of Food	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
35-1012	Preparation and Serving Workers	870	900	30	0	10	10	26,279	7.97	16,582	18.59	38,669	28,307	Work Exp. in a related occ.	
	Cooks, Fast Food	930	930	0	0	30	30	15,801	6.79		8.94		16,156		
	Cooks, Institution and Cafeteria	1,050		10	0	30	30	17,015	6.78		11.38		18,044	Long-term Tng. & Exp.	
	Cooks, Restaurant	530		10	0	10	20	21,941	7.10		14.09		21,236		
	Food Preparation Workers	1,860		140	10	60	80	16,591	6.81	14,174	9.77		16,937	Short-term Tng. & Exp.	
	Bartenders	490		10	0	20	20	18,111	6.82		9.76		17,069	Short-term Tng. & Exp.	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	770	850	80	10	20	20	16,450	6.80	14,145	9.26	19,266	16,638	Short-term Tng. & Exp.	
	Counter Attendants, Cafeteria, Food Concession,														
	and Coffee Shop	240		0	0	20	20	16,633	6.81	14,168	10.00		17,195	Short-term Tng. & Exp.	
	Waiters and Waitresses	2,130		20	0	120	120	17,391	6.80		10.15		17,847	Short-term Tng. & Exp.	
35-3041	Food Servers, Nonrestaurant	50	50	0	0	0	0	16,187	6.83	14,210	9.08	18,894	18,233	Short-term Tng. & Exp.	
25 0011	Dining Room and Cafeteria Attendants and	210	210					15 000	6.50			21.002	16.000		
	Bartender Helpers	310		10	0	10	10	17,093	6.79		10.14		16,927	Short-term Tng. & Exp.	
35-9021	Dishwashers	240	250	10	0	10	10	16,326	6.84	14,238	9.21	19,148	16,289	Short-term Tng. & Exp.	
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop Food Preparation and Serving Related Workers,	280	280	0	0	20	20	17,945	6.96	14,467	10.27	21,369	17,131	Short-term Tng. & Exp.	
35-9099	All Other First-Line Supervisors/Managers of	70	80	0	0	0	0	18,551	7.07	14,711	10.96	22,799	17,479	Short-term Tng. & Exp.	
37-1011	Housekeeping and Janitorial Workers	280	280	0	0	0	0	31,164	9.29	19,326	20.70	43,052	30,005	Work Exp. in a related occ.	Cert. Avail.
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers Janitors and Cleaners, Except Maids and	120	120	0	0	0	0	37,660	10.06	20,920	25.40	52,834	34,298	Work Exp. in a related occ.	
37-2011	Housekeeping Cleaners	2,040	2,090	50	10	40	40	19,896	7.08	14,720	12.23	25,430	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	1,050		60	10	20	30	16,938	6.87	14,293	9.80		17,810	Short-term Tng. & Exp.	
37-2021	Pest Control Workers	100	100	0	0	0	0	29,133	10.13	21,080	18.19	37,834	28,434	Modterm Tng. & Exp.	
37-3011	Landscaping and Groundskeeping Workers Pesticide Handlers, Sprayers, and Applicators,	500	490	0	0	10	10	22,463	7.30	15,174	15.08	31,366	22,139	Short-term Tng. & Exp.	Cert. Avail.
37-3012	Vegetation	60	70	10	0	0	0	25,120	8.31	17,279	18.38	38,220	29,500	Modterm Tng. & Exp.	
	Gaming Supervisors	460	500	40	0	10	10	49,590	19.42	40,403	30.16		46,113	Postsecondary voc.	
	Slot Key Persons First-Line Supervisors/Managers of Personal	370		0	0	10	10	26,973	8.75		18.67	38,843	24,780	-	
	Service Workers	170		20	0	0	10	34,981	11.25		23.64		34,952	Work Exp. in a related occ.	
	Nonfarm Animal Caretakers	100		20	0	0	0	20,670	7.06		15.05		21,845	Short-term Tng. & Exp.	
	Gaming Dealers	1,310		160	20	30	40	15,811	6.78		8.31	17,280	20,493	Postsecondary voc.	
	Amusement and Recreation Attendants	250		10	0	10	10	17,563	6.95		10.29	21,407	17,785	Short-term Tng. & Exp.	
	Hairdressers, Hairstylists, and Cosmetologists	410		50	10	10	10	19,583	6.84		14.56	30,280	26,355	Postsecondary voc.	Lic. Req.
	Child Care Workers Personal and Home Care Aides	680 340		80 170	10 20	20 10	30 20	18,189 15,863	6.89 6.80		11.39 8.96	23,691 18,637	18,186 17,807	Short-term Tng. & Exp. Short-term Tng. & Exp.	Cert. Avail. Cert. Avail.
	Recreation Workers	340		170	0	10	10	20,931	7.22		12.83		22,897	Short-term Tng. & Exp.	Cert. Avaii.
	Personal Care and Service Workers, All Other First-Line Supervisors/Managers of Retail Sales	160		0	0	0	0	17,296	6.86		10.63		18,604	Modterm Tng. & Exp.	
41-1011	Workers First-Line Supervisors/Managers of Non-Retail	1,960	2,040	80	10	40	50	32,407	9.60	19,960	22.50	46,798	34,002	Work Exp. in a related occ.	
41-1012	Sales Workers	380	440	60	10	10	10	42,999	9.74	20,264	33.60	69,880	56,264	Work Exp. in a related occ.	
41-2011	Cashiers	3,950	3,810	0	0	190	190	16,261	6.73		9.26		16,729	Short-term Tng. & Exp.	
41-2012	Gaming Change Persons and Booth Cashiers	280	270	0	0	10	10	22,006	7.40	15,397	14.58		22,154	Short-term Tng. & Exp.	
	Counter and Rental Clerks	490	590	100	10	20	30	21,623	6.94	14,445	14.46	30,086	22,702	Short-term Tng. & Exp.	
	Parts Salespersons	210		0	0	0	0	25,829	7.61	15,827	17.44		26,499	Modterm Tng. & Exp.	
	Retail Salespersons	4,160		370	40	130	170	21,395	6.94		15.00		22,803	Short-term Tng. & Exp.	
	Advertising Sales Agents	100		30	0	0	10	31,188	7.19		23.82		34,071	Modterm Tng. & Exp.	
	Insurance Sales Agents Securities, Commodities, and Financial Services	500		100	10	10	20	31,151	10.03		18.19		44,901	Bachelor's degree	
	Sales Agents	190		0	0	10	10	61,226	14.87	30,932	45.74		72,964	Bachelor's degree	
	Travel Agents Sales Representatives, Services, All Other	20 120		0 40	0	0	0 10	25,905 49,539	9.82 12.66		14.91 42.78	31,020 88,992	25,961 45,050	Postsecondary voc. Modterm Tng. & Exp.	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products Sales Representatives, Wholesale and	230	260	40	0	10	10	64,191	19.43	40,413	46.33	96,367	65,875	Modterm Tng. & Exp.	
41.4012	Manufacturing, Except Technical and Scientific Products	1,000	1,100	100	10	20	30	42,674	12.16	25,284	30.83	64,123	52,664	Modterm Tng. & Exp.	
	Products Demonstrators and Product Promoters	1,000		100	0	20	.50 n	42,674 24,291	7.82		30.83 21.44		28,162	Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Real Estate Sales Agents	50		0	0	0	0	28,547	7.82 8.60		14.45		28,162 37,705	Postsecondary voc.	Lic. Req.

RLMA5 : Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

								2010	2010 RLMA 1	2010 RLMA 1	2010 RLMA 1	2010 RLMA	2010 State		
Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total	RLMA 1 Annual Average	Hourly Avg. Wage -	Annual Avg. Wage -	Hourly Avg. Wage -	1 Annual Avg. Wage - Highest	Annual Average	Most Significant Source of Education or Training ¹⁵	Occupational License
Code					Growin	ment	Openings 8	Wage 9	Lowest	Lowest 10% 11	Highest	10% ¹³	Wage 14		Required ¹⁶
41-9099	Sales and Related Workers, All Other	90	90	0	0	0	0	37,581	9.79	20,371	32.07	66,696	36,634	Modterm Tng. & Exp.	Lic. Req.
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers Switchboard Operators, Including Answering	1,350	1,370	20	0	30	30	38,946	10.85	22,570	28.92	60,156	40,655	Work Exp. in a related occ.	
43-2011 43-3011	Service Bill and Account Collectors	210 230	180 260	0 30	0	0	0 10	18,586 23,476	6.98 8.29		11.38 15.50	23,676 32,236		Short-term Tng. & Exp. Short-term Tng. & Exp.	
43-3021	Billing and Posting Clerks and Machine Operators	330	360	20	0	0	10	27,704	9.16	19,045	18.79	39,083	28,147	Short-term Tng. & Exp.	
	Bookkeeping, Accounting, and Auditing Clerks	1,810	1,950	130	10		40	29,654	9.10		19.99	41,576		Modterm Tng. & Exp.	
43-3041	Gaming Cage Workers	230	220	0	0		10	23,914	8.24		14.99	31,183	22,983	Short-term Tng. & Exp.	Lic. Req
	Payroll and Timekeeping Clerks	210	210	0	0	10	10	30,076	9.39		20.07	41,749		Short-term Tng. & Exp.	
	Procurement Clerks	40	50	0	0	0	0	34,619	9.61		24.34	50,633	34,954	Short-term Tng. & Exp.	
43-3071	Court, Municipal, and License Clerks	690 200	700 210	10	0	30 10	30 10	20,124 26,828	7.38 9.04		12.41 17.87	25,814 37,162		Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Customer Service Representatives	860	1,040	190	20		40	24,611	7.59		17.40	36,191	27,131	Modterm Tng. & Exp.	
	Eligibility Interviewers, Government Programs	100	100	0	0		0	43,901	14.82		27.89	58,001	44,449	Modterm Tng. & Exp.	
	File Clerks	100	60	0	0	0	0	21,847	7.17	14,924	15.32	31,875	20,949	Short-term Tng. & Exp.	
	Hotel, Motel, and Resort Desk Clerks	260	280	30	0		10	19,554	7.00		12.65	26,303	20,956	Short-term Tng. & Exp.	
	Interviewers, Except Eligibility and Loan	110		10	0		0	25,148	8.95		15.55	32,344	25,460	Short-term Tng. & Exp.	
	Loan Interviewers and Clerks New Accounts Clerks	130	120 70	0	0		0	25,853 26,431	8.80 10.17		16.94 15.69	35,228 32,635	28,351 26,500	Short-term Tng. & Exp. Work Exp. in a related occ.	
	Order Clerks Human Resources Assistants, Except Payroll and	120	80	0	0	0	0	26,155	7.56		20.60	42,843	27,387	Short-term Tng. & Exp.	
43-4161	Timekeeping	90	100	0	0	0	0	34,863	10.87	22,610	25.72	53,500	33,521	Short-term Tng. & Exp.	
	Receptionists and Information Clerks	1,410	1,580	170	20		50	21,249	7.26		13.67	28,423	21,571	Short-term Tng. & Exp.	Cert. Avail.
	Information and Record Clerks, All Other	250	210	0	0		0	34,125	9.65		22.70	47,222	30,762	Short-term Tng. & Exp.	
	Couriers and Messengers Police, Fire, and Ambulance Dispatchers	160 150	160 160	10	0	0	10	17,415 25,390	6.87 8.48		10.70 16.54	22,256 34,402	21,938 26,752	Short-term Tng. & Exp. Modterm Tng. & Exp.	
	Dispatchers, Except Police, Fire, and Ambulance Meter Readers, Utilities	450 60	480 50	30	0	10 0	10	26,813 31,560	7.84 9.40		18.69 22.06	38,885 45,882	33,250 29,405	Modterm Tng. & Exp. Short-term Tng. & Exp.	
	Production, Planning, and Expediting Clerks	110	120	20	0		10	39,606	8.92	18,564	31.42	65,360		Short-term Tng. & Exp.	
43-5071	Shipping, Receiving, and Traffic Clerks	340	360	20	0		10	32,378	9.86		23.70	49,289	28,574	Short-term Tng. & Exp.	
	Stock Clerks and Order Fillers Executive Secretaries and Administrative	1,200	1,070	0	0		30	19,895	7.08		12.77	26,570		Short-term Tng. & Exp.	
	Assistants Legal Secretaries	900 230	940 250	40 20	0		20 10	36,654 32,199	11.93 11.37		24.33 19.32	50,605 40,195	35,801 35,429	Modterm Tng. & Exp. Postsecondary voc.	Cert. Avail.
	Medical Secretaries Secretaries, Except Legal, Medical, and	180	220	40	0		10	22,598	8.39		13.99	29,095	25,548	Postsecondary voc.	
	Executive	2,500	2,400	0	0		40	24,151	7.80			32,811	26,634	Modterm Tng. & Exp.	Cert. Avail.
	Computer Operators	40	30	0	0		0	34,948	12.49		22.82	47,458	35,471	Modterm Tng. & Exp.	
	Data Entry Keyers	240	190	0	0	10	10	22,848	8.32		16.30	33,910		Modterm Tng. & Exp.	
	Insurance Claims and Policy Processing Clerks Mail Clerks and Mail Machine Operators, Except Postal Service	110	120 50	0	0	0	0	30,477 24,714	10.35 8.77		21.22 15.58	44,128 32,400	29,071 24,292	Modterm Tng. & Exp. Short-term Tng. & Exp.	
	Office Clerks, General Office and Administrative Support Workers, All	2,040	2,210	170	20		60	21,811	7.09	14,748		32,413	21,555	Short-term Tng. & Exp.	
43-9199		40	40	0	0		0	28,370	9.40		20.05	41,699	31,927	Short-term Tng. & Exp.	
	Logging Equipment Operators First-Line Supervisors/Managers of Construction	350	460	110	10		20	30,194	10.63			36,536		Modterm Tng. & Exp.	
	Trades and Extraction Workers	1,190 200	1,240 200	50 10	10		20 10	53,619	17.44 13.30		35.17 25.57	73,155	56,840 41,697	Work Exp. in a related occ.	Cont. Assail
	Brickmasons and Blockmasons Carpenters	1,620	1,620	10	0		20	38,809 37,660	12.78		24.66	53,189 51,295	37,217	Long-term Tng. & Exp. Long-term Tng. & Exp.	Cert. Avail. Cert. Avail.
	Cement Masons and Concrete Finishers	120	120	0	0		0	35,230	10.50		25.08	52,172		Long-term Tng. & Exp.	COLC. FEVERIL
47-2061	Construction Laborers Paving, Surfacing, and Tamping Equipment	1,750	1,750	0	0		10	-	8.96	18,638	18.72	38,929	26,445	Modterm Tng. & Exp.	Cert. Avail.
	Operators Pile-Driver Operators Operating Engineers and Other Construction	60 50	70 50	0	0	0	0	31,866 39,865	9.75 16.18		24.45 23.51	50,855 48,911	33,222 39,460	Modterm Tng. & Exp. Modterm Tng. & Exp.	
47-2073	Equipment Operators	520	520	10	0	10	10	34,309	10.56	21,972	23.90	49,715	37,325	Modterm Tng. & Exp.	Cert. Avail.
	Drywall and Ceiling Tile Installers	120	120	0	0	0	0	35,635	14.92		19.42	49,713		Modterm Tng. & Exp.	Cert. Avail.
	Electricians	980	1,020	40	0		30	41,425	13.67			56,029		Long-term Tng. & Exp.	Lic. Req.
47-2121		80	80	0	0	0	0	34,116	8.31	17,288		55,746	32,218	Long-term Tng. & Exp.	Cert. Avail.
	Insulation Workers, Floor, Ceiling, and Wall	400	400	0	0		10	33,908	11.18			43,510		Modterm Tng. & Exp.	Cert. Avail.
	Insulation Workers, Mechanical	130	130	0	0		0	32,890	8.76		24.47	50,905		Modterm Tng. & Exp.	
	Painters, Construction and Maintenance	1,060 810	1,130 860	70 40	10	20 20	30 20	32,841	10.70			47,553	32,941 43,985	Modterm Tng. & Exp.	Cert. Avail.
47-2152	Plumbers, Pipefitters, and Steamfitters	810	860	40	0	20	20	44,883	16.16	33,623	20.99	56,149	43,985	Long-term Tng. & Exp.	Lic. Req.

Lake Charles - Southwest - Regional Labor Market Area 5 Projections for All Occupations to 2018 (in order by occupational code) RLMA5 : Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Sheet Metal Workers	200			10		10	39,178	11.12		28.28		35,518	Modterm Tng. & Exp.	Cert. Avail.
	Structural Iron and Steel Workers	180			0		10	39,217	12.00		25.45		38,140	Long-term Tng. & Exp.	
	HelpersCarpenters	240			0		10	23,715	7.70		15.25		23,989	Short-term Tng. & Exp.	
47-3013	Helpers-Electricians	260	260	10	0	10	10	27,326	9.47	19,698	16.03	33,349	25,933	Short-term Tng. & Exp.	
47-3015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	180	190	10	0	10	10	25,991	9.75	20,272	17.85	37,127	29,025	Short-term Tng. & Exp.	
	Helpers, Construction Trades, All Other	130			0		10	29,276	10.02		18.89		26,183	Short-term Tng. & Exp.	
	Hazardous Materials Removal Workers	80	80		0		0	39,671	15.73		24.48		36,514	Modterm Tng. & Exp.	
	Highway Maintenance Workers	90	100	10	0	0	0	26,407	8.09		23.82		29,810	Modterm Tng. & Exp.	
	Construction and Related Workers, All Other	20			0		0	22,065	8.01		13.33		29,733	Modterm Tng. & Exp.	
	Service Unit Operators, Oil, Gas, and Mining	220			0	0	0	42,037	15.14		26.62		42,596	Modterm Tng. & Exp.	
47-5071	Roustabouts, Oil and Gas	160	170	10	0	10	10	28,927	10.35	21,534	18.16	37,783	31,819	Modterm Tng. & Exp.	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers Computer, Automated Teller, and Office Machine	610	630	20	0	10	20	61,160	16.55	34,424	48.16	100,183	55,592	Work Exp. in a related occ.	
49-2011	Repairers	30	30	0	0	0	0	42,422	10.07	20,948	28.14	58,534	27,070	Postsecondary voc.	
	Avionics Technicians	80			0	-	0	50,417	13.61		35.90		47,450	Postsecondary voc.	
	Electrical and Electronics Repairers, Commercial													•	
	and Industrial Equipment	60			0	0	0	64,514	26.31		36.47		55,943	Postsecondary voc.	
	Aircraft Mechanics and Service Technicians	240			0	0	0	45,410	11.76		30.28		49,905	Postsecondary voc.	
	Automotive Body and Related Repairers	600			10		0	37,045	11.84		23.67		34,332	Long-term Tng. & Exp.	Cert. Avail.
	Automotive Service Technicians and Mechanics Bus and Truck Mechanics and Diesel Engine Specialists	200			0		20	31,006 33,105	8.19 9.35		20.87		32,658 39,406	Postsecondary voc. Postsecondary voc.	Cert. Avail.
	Mobile Heavy Equipment Mechanics, Except													-	con rrun.
49-3042	Engines Tire Repairers and Changers	370 110			0		10	37,781 19,651	13.18 7.35		24.35 11.39		41,208 21,998	Postsecondary voc. Short-term Tng. & Exp.	
49-3093	Control and Valve Installers and Repairers,	110	130	10	U	U	U	19,031	1.55	13,293	11.39	23,061	21,998	Short-term Tilg. & Exp.	
49-9012	Except Mechanical Door Heating, Air Conditioning, and Refrigeration	140	120	0	0	0	0	56,528	19.85	41,286	32.05	66,655	47,878	Modterm Tng. & Exp.	
49-9021	Mechanics and Installers	180	190	10	0	0	0	42,643	10.75	22,350	41.07	85436	38,086	Long-term Tng. & Exp.	Cert. Avail.
	Industrial Machinery Mechanics	430			0		10	47,990	13.74		32.50		45,547	Long-term Tng. & Exp.	Cert. Avail.
	Maintenance and Repair Workers, General	1,730			10		20	34,425	8.97		28.35		33,524	Long-term Tng. & Exp.	
	Maintenance Workers, Machinery	300			0		10	43,500	10.37		31.51		36,931	Long-term Tng. & Exp.	G
	Millwrights	140	150 160	20 20	0		10	45,423	13.85 18.27		34.55 31.59		43,614 49,147	Long-term Tng. & Exp.	Cert. Avail.
	Electrical Power-Line Installers and Repairers Telecommunications Line Installers and Repairers	150			0		10	52,217 43,433	12.52		33.55		38,638	Long-term Tng. & Exp. Long-term Tng. & Exp.	
47-7032	Coin, Vending, and Amusement Machine	40	50	20		Ü	0	75,755	12.02	20,047	33.33	07,770	50,050	Long-term Fing. & Exp.	
49-9091	Servicers and Repairers	140	140	0	0	0	0	26,661	7.73	16,086	18.38	38,223	27,143	Modterm Tng. & Exp.	
49-9096	Riggers	140	120	0	0	0	0	30,242	10.83		19.13		35,924	Short-term Tng. & Exp.	
	HelpersInstallation, Maintenance, and Repair														
	Installation, Maintenance, and Repair Workers,	160			0	0	10	22,803	6.99		16.10		24,091	Short-term Tng. & Exp.	
49-9099	All Other First-Line Supervisors/Managers of Production	280	290	10	0	0	0	40,722	11.03	22,944	31.40	65,303	36,426	Long-term Tng. & Exp.	
51-1011	and Operating Workers	630	660	30	0	10	10	63,986	18.16	37,770	45.73	95,109	57,144	Work Exp. in a related occ.	
51-2041	Structural Metal Fabricators and Fitters	60	110	50	10	0	10	41,781	15.83	32,924	23.12	48,080	40,063	Modterm Tng. & Exp.	Cert. Avail.
51-3011		110			0	0	0	20,310	7.04		13.75		21,767	Long-term Tng. & Exp.	
	Butchers and Meat Cutters Food and Tobacco Roasting, Baking, and Drying	110			0	-	0	25,101	7.48		17.46		26,726	Long-term Tng. & Exp.	
	Machine Operators and Tenders Cutting, Punching, and Press Machine Setters,	120			0		10	28,747	7.44		19.39		19,523	Short-term Tng. & Exp.	
51-4031	Operators, and Tenders, Metal and Plastic Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders,	60	120	60	10	0	10	28,061	10.25	21,329	17.56	36,533	32,171	Modterm Tng. & Exp.	
	Metal and Plastic Lathe and Turning Machine Tool Setters,	20			0		0	21,099	8.37		12.05		29,744	Modterm Tng. & Exp.	
	Operators, and Tenders, Metal and Plastic	20	40		0		0	42,143	11.61		30.08		35,505	Modterm Tng. & Exp.	
	Machinists	410	540	130	10		20	48,650	15.15		31.49		40,654	Long-term Tng. & Exp.	
	Welders, Cutters, Solderers, and Brazers	860	1,340		50		70	48,038	13.86		40.34		40,790	Postsecondary voc.	Cert. Avail.
	Job Printers Printing Machine Operators	30 90	30 80		0	-	0	24,493 22,676	10.23 7.38		14.55 16.63		29,799 28,256	Long-term Tng. & Exp.	
	Printing Machine Operators Laundry and Dry-Cleaning Workers	90 240	260		0		10	22,676 17,782	6.88		10.03		28,256 18,112	Modterm Tng. & Exp. Modterm Tng. & Exp.	
							10								
51-6021	Pressers, Textile, Garment, and Related Materials	60	50	0	0	0	0	16,517	6.82	14,193	9.68	20,144	19,246	Short-term Tng. & Exp.	

Lake Charles - Southwest - Regional Labor Market Area 5 Projections for All Occupations to 2018

(in order by occupational code) RLMA5: Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Water and Liquid Waste Treatment Plant and														
51-8091	System Operators Chemical Plant and System Operators Petroleum Pump System Operators, Refinery	90 1,230		0	0	0 30	0 30	25,866 60,832	8.28 21.65	17,213 45,036		33,437 77,809	29,751 59,714	Long-term Tng. & Exp. Long-term Tng. & Exp.	Lic. Req. Cert. Avail.
51-8093	Operators, and Gaugers	1,000	960	0	0	30	30	61,112	23.04	47,913	36.67	76,275	58,912	Long-term Tng. & Exp.	
51-8099	Plant and System Operators, All Other Mixing and Blending Machine Setters,	40	40	0	0	0	0	56,458	21.23	44,168	37.31	77,600	45,817	Long-term Tng. & Exp.	
	Operators, and Tenders Inspectors, Testers, Sorters, Samplers, and	110	90	0	0	0	0	43,681	12.15	25,265	30.32	63,073	38,442	Modterm Tng. & Exp.	
	Weighers Packaging and Filling Machine Operators and	500	550	50	10	10	10	43,454	11.63	24,191	32.78	68,182	40,431	Modterm Tng. & Exp.	Lic. Req.
51-9111	Tenders	80	120	40	0	0	10	37,066	8.38	17,422	28.81	59,927	27,579	Short-term Tng. & Exp.	
51-9198	HelpersProduction Workers	360	400	40	0	10	10	26,927	8.04	16,730	19.42	40,386	25,052	Short-term Tng. & Exp.	
	Production Workers, All Other First-Line Supervisors/Managers of Helpers,	620	650	40	0	10	20	32,744	12.60	26,201	20.59	42,821	31,472	Modterm Tng. & Exp.	
	Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation and Material-Moving Machine	120	130	10	0	0	0	48,120	16.05	33,382	31.14	64,781	43,835	Work Exp. in a related occ.	
	and Vehicle Operators	250	260	0	0	10	10	49,624	14.61	30,381	33.43	69,539	52,393	Work Exp. in a related occ.	
53-2012	Commercial Pilots	120	110	0	0	0	0	64,272	NA	39,198	NA	92,819	68,393	Postsecondary voc.	
53-3022	Bus Drivers, School	650	670	10	0	10	10	16,046	6.76	14,070	9.38	19,511	18,608	Short-term Tng. & Exp.	
53-3031	Driver/Sales Workers	320	280	0	0	10	10	20,817	6.82	14,182	18.27	38,005	28,790	Short-term Tng. & Exp.	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,940	2,210	270	30	30	60	35,591	11.58	24,084	26.81	55,762	35,203	Modterm Tng. & Exp.	Lic. Req.
53-3033	Truck Drivers, Light or Delivery Services	920	1,010	90	10	20	30	26,357	7.44	15,476	18.84	39,178	28,162	Short-term Tng. & Exp.	
53-3041	Taxi Drivers and Chauffeurs	170	190	20	0	0	0	19,758	6.93	14,423	12.94	26,907	22,321	Short-term Tng. & Exp.	
53-5011	Sailors and Marine Oilers	290	330	50	10	10	20	38,507	13.36	27,779	24.32	50,578	38,034	Short-term Tng. & Exp.	Lic. Req.
53-6011	Bridge and Lock Tenders	30		0	0	0	0	38,770	14.10	29,323	22.33	46,446	33,744	Short-term Tng. & Exp.	
53-6021	Parking Lot Attendants	170	170	0	0	10	10	17,228	6.83	14,214	10.58	22,008	17,594	Short-term Tng. & Exp.	
	Crane and Tower Operators	260		10	0	10	10	41,699	13.17	27,389	25.27	52,564	44,638	Modterm Tng. & Exp.	Cert. Avail.
	Industrial Truck and Tractor Operators	460		0	0		10	34,719	11.43	23,767	24.69	51,346	30,788	Short-term Tng. & Exp.	
53-7061	Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material	430	470	40	0	20	20	19,211	6.89	14,331	13.84	28,790	20,520	Short-term Tng. & Exp.	
53-7062	Movers, Hand	2,560	2,530	0	0	80	80	24,523	7.38	15,343	17.34	36,074	22,623	Short-term Tng. & Exp.	
53-7063	Machine Feeders and Offbearers	50	40	0	0	0	0	25,904	8.45	17,568	16.69	34,715	26,453	Short-term Tng. & Exp.	
53-7064	Packers and Packagers, Hand	240		0	0	0	0	17,898	6.87	14,280	11.55	24,016	21,823	Short-term Tng. & Exp.	
53-7081	Refuse and Recyclable Material Collectors	160	150	0	0	0	0	25,262	9.31	19,372	17.00	35,353	24,623	Short-term Tng. & Exp.	

Lake Charles - Southwest - Regional Labor Market Area 5 Projections for All Occupations to 2018

(in order by occupational code)

RLMA5: Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10
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¹Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks. http://online.onetcenter.org/

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingquide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

 $^{^2\,\}mathrm{Title}$ of the occupation.

³ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

⁷ Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

^{9 2010} Annual average wage for all workers in this occupation

 $^{^{\}rm 10}$ Average hourly wage for lowest 10 percent of workers in this occupation.

 $^{^{11}\,\}mathrm{Average}$ annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

¹³ Annual average wage of highest 10 percent of workers in this occupation.

Statewide annual average wage of workers in this occupation.
 Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011

Regional Labor Market Area 6: Avoyelles, Catahoula, Concordia, Grant, LaSalle, Rapides, Vernon, & Winn

			Regional	Labor Mar	ket Area o	: Avoyette	s, Catahoula,	Concorata, C	srant, Lasc	ine, Kapiaes,	vernon, &	winn			
									2010	2010	2010				
								2010	RLMA 1	RLMA 1	RLMA 1	$2010\;RLMA$	2010 State		
Occupa-		2008	2018	10 Year	Annual	Annual	Annual	RLMA 1	Hourly		Hourly	1 Annual		M - 4 6' - 2' 4 6 6	Occupational
tional	Occupational Title 2			_	New	Replace-	Total	Annual	Avg.	Annual	Avg.	Avg. Wage -	Annual	Most Significant Source of	License
Code 1		Estimate ³	Projected 4	Growth 5	Growth 6	ment 7	Openings 8	Average	Wage -	Avg. Wage	Wage -	Highest	Average	Education or Training ¹⁵	Required 16
								Wage 9	Lowest	Lowest	Highest	10% 13	Wage 14		
									10% 10	10% 11	10% 12				
00-0000	Total, All Occupations	119,900	125,690	9,410	940	2,680	3,620		1070		10/0				
11-1011	Chief Executives	120	100	. 0	0	0	0	\$138,636	\$16.92	\$35,189	>\$80.00	>\$166,400	\$147,206	Wk Exp.+ Bachelor's or higher degree	
11-1021	General and Operations Managers	1,900	1,780	0	0	50	50	81,350	17.52	36,437	70.61	146,864		Wk Exp.+ Bachelor's or higher degree	
11-1031	Legislators	100	100	0	0	0	0	15,704	NA	14,020	NA	18,414	18,485	Wk Exp.+ Bachelor's or higher degree	
11-2021	Marketing Managers	30	30	0	0	0	0	75,362	16.57	34,461	70.12	145,858	78,159	Wk Exp.+ Bachelor's or higher degree	
11-2022	Sales Managers	180	190	10	0	0	10	71,945	17.39	36,170	55.11	114,634	81,013	Wk Exp.+ Bachelor's or higher degree	
11-3011	Administrative Services Managers	160	170	10	0	0	10	65,215	17.84	37,107	49.46	102,869	61,416	Wk Exp.+ Bachelor's or higher degree	
11-3021	Computer and Information Systems Managers	50	50	0	0	0	0	69,589	16.27	33,851	50.70	105,456	81,363	Wk Exp.+ Bachelor's or higher degree	Cert. Avail.
11-3031	Financial Managers	290	310	20	0	0	10	67,795	17.42	36,237	52.08	108,330	80,889	Wk Exp.+ Bachelor's or higher degree	
11-3042	Training and Development Managers	20	20	0	0	0	0	48,912	13.71	28,521	33.56	69,807		Wk Exp.+ Bachelor's or higher degree	
11-3049	Human Resources Managers, All Other	20	30	0	0	0	0	60,833	18.40	38,263	40.23	83,687	72,353	Wk Exp.+ Bachelor's or higher degree	
11-3051	Industrial Production Managers	70	80	10	0	0	0	78,427	18.85	39,218	56.43	117,381	92,332	Bachelor's degree	
11-3061	Purchasing Managers	60	50	0	0	0	0	74,635	22.47	46,734	55.96	116,405	65,759	Wk Exp.+ Bachelor's or higher degree	
	Transportation, Storage, and Distribution														
11-3071	Managers	40	40	0	0	0	0	62,803	20.38	42,400	48.13	100,112	66,553	Work Exp. in a related occ.	Lic. Req.
11-9021	Construction Managers	550	400	0	0	10	10	73,241	22.10	45,978	55.33	115,086	70,313	Bachelor's degree	
	Education Administrators, Elementary and														
11-9032	Secondary School	280	310	30	0	10	10	61,717	NA	46,711	NA	79,878	67,394	Wk Exp.+ Bachelor's or higher degree	
11-9033	Education Administrators, Postsecondary	70	90	10	0	0	0	69,449	15.90	33,069	51.80	107,751	93,840	Wk Exp.+ Bachelor's or higher degree	
11-9051	Food Service Managers	140	150	10	0	0	0	53,460	13.06	27,166	44.63	92,826	46,814	Work Exp. in a related occ.	
11-9061	Funeral Directors	60	60	0	0	0	0	50,208	14.86	30,910	35.46	73,755	52,034		Lic. Req.
11-9111	Medical and Health Services Managers	270	310	40	0	10	10	77,280	25.19	52,392	51.08	106,240	75,836	Wk Exp.+ Bachelor's or higher degree	Lic. Req.
	Property, Real Estate, and Community														
11-9141	Association Managers	360	360	0	0	10	10	35,166	7.71	16,032	32.59	67,791	41,840	Bachelor's degree	
11-9151	Social and Community Service Managers	120	120	10	0	0	0	59,105	15.16	31,540	44.48	92,513	59,751	Bachelor's degree	
11-9199	Managers, All Other	760	750	0	0	20	20	60,537	14.29	29,730	48.90	101,712	74,224	Work Exp. in a related occ.	
	Wholesale and Retail Buyers, Except Farm														
13-1022	Products	40	40	0	0	0	0	38,053	11.57	24,059	24.75	51,489	47,545	Bachelor's degree	
	Purchasing Agents, Except Wholesale, Retail,														
13-1023	and Farm Products	220	220	0	0	10	10	48,914	9.71	20,191	36.12	75,124	49,682	Bachelor's degree	
13-1031	Claims Adjusters, Examiners, and Investigators	90	100	10	0	0	0	54,523	7.82	16,268	38.71	80,514	63,799	Long-term Tng. & Exp.	
	Compliance Officers, Except Agriculture,														
	Construction, Health and Safety, and														
13-1041	Transportation	220	230	10	0	0	0	49,108	13.22	27,503	35.70	74,255	50,085	Long-term Tng. & Exp.	
13-1051	Cost Estimators	130	110	0	0	0	0	59,397	14.91	31,021	44.43	92,413	56,845	Bachelor's degree	
	Employment, Recruitment, and Placement														
13-1071	Specialists	20	20	0	0	0	0	37,602	12.87	26,772	24.55	51,063	43,648	Bachelor's degree	
	Compensation, Benefits, and Job Analysis														
13-1072	Specialists	20	30	0	0	0	0	43,965	13.28	27,630	29.39	61,140	47,625	Bachelor's degree	
13-1073	Training and Development Specialists	90	90	10	0	0	0	42,823	14.73	30,648	30.59	63,619	45,825	Bachelor's degree	
	Human Resources, Training, and Labor Relations														
13-1079	Specialists, All Other	90	110	20	0	0	0	58,142	16.00	33,275	42.40	88,184	51,804	Bachelor's degree	
13-1081	Logisticians	50	70	10	0	0	0	64,726	17.68	36,778	46.77	97,286	62,453	Bachelor's degree	
13-1111	Management Analysts	120	130	10	0	0	0	63,692	18.64	38,780	43.13	89,719	69,328	Wk Exp.+ Bachelor's or higher degree	
13-1199	Business Operations Specialists, All Other	700	840	140	10	10	20	53,527	12.37	25,737	41.93	87,210	55,418	Bachelor's degree	
	Accountants and Auditors	490	510	20	0	10	10	54,707	14.94	31,078	41.86	87,079	55,095	Bachelor's degree	Lic. Req.
13-2021	Appraisers and Assessors of Real Estate	40	40	0	0	0	0	45,628	12.65	26,311	39.98	83,156	45,151	Postsecondary voc.	-
	Budget Analysts	70	80	10	0	0	0	56,078	16.96	35,274	38.48	80,033	56,659	Bachelor's degree	
	Personal Financial Advisors	40	40	10	0	0	0	34,886	8.86	18,439	18.12	37,694	50,539		
13-2072	Loan Officers	380	450	70	10	0	10	41,557	11.72	24,378	33.11	68,869	47,436		
														į.	
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	30	0	0	0	0	52,723	14.03	29,176	40.94	85,152	50,847	Bachelor's degree	
	Tax Preparers	100		0	0	0	0	28,659	8.16			48,129			
	Financial Specialists, All Other	30		10	0	0	0	56,840	14.15			89,618			
	Computer Programmers	130	120	0	0	0	0	47,804	16.16		31.14	64,776			Cert. Avail.
								1						į.	
15-1032	Computer Software Engineers, Systems Software	40	50	10	0	0	0	64,262	22.26	46,299	41.84	87,032	76,022	Bachelor's degree	
	Computer Support Specialists	100		10	0	0	0	43,054	13.36		28.55	59,384	43,377		Cert. Avail.
	Computer Systems Analysts	70		10	0	0	0	56,626	17.60			77,397	57,502		Cert. Avail.
	* * *													į.	
15-1071	Network and Computer Systems Administrators	70	80	10	0	0	0	55,974	18.96	39,444	39.08	81,282	56,090	Bachelor's degree	Cert. Avail.
	Network Systems and Data Communications							I						-	
15-1081	Analysts	80	110	40	0	0	10	54,276	18.03	37,502	37.86	78,742	55,026	Bachelor's degree	
	•							•							

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage 9	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
15 1000	Computer Specialists, All Other	110	130	20	0	0	16	62,918	7.65		10% ¹² 42.73	88,873	72,653	Postsecondary voc.	II.
		80	70	20	0		10		13.81						Ti. D.
	Surveyors Electrical Engineers	30		0	0		(55,551 81,196				83,735 128,132		Bachelor's degree	Lic. Req. Lic. Req.
		110		20	0		10	69,058	20.65					Bachelor's degree	
	Industrial Engineers	80	80	20	0		10		20.65 14.44			112,609		Bachelor's degree	Lic. Req.
	Engineers, All Other Architectural and Civil Drafters	40		0	0		(59,033 44,774	14.44			91,090 63,243		Bachelor's degree	Lic. Req.
	Drafters, All Other	30		0	0		(44,774	11.26			53,980		Postsecondary voc.	Cert. Avail.
				0	0		(Postsecondary voc.	
17-3022	Civil Engineering Technicians	160	160	U	0	0	,	50,129	17.01	35,389	33.24	69,132	48,364	Associate degree	
17 2022	Electrical and Electronic Engineering	70	60	0	0	0	,	50.560	20.56	12.769	25.74	74 225	52.027	A	Ti. D.
	Technicians	70		0	0		(58,568	20.56			74,335		Associate degree	Lic. Req.
	Surveying and Mapping Technicians	20		0	0		(43,648	9.90			73,751	32,466	Modterm Tng. & Exp.	
	Zoologists and Wildlife Biologists	20		0	0		(69,531	22.08			91,875		Doctoral degree	
	Conservation Scientists	30		10	0		(69,168	26.39			87,445		Bachelor's degree	
19-1032	Foresters	90	90	0	0	0	(63,485	22.70	47,217	39.81	82,811	58,257	Bachelor's degree	
					_	_									
	Social Scientists and Related Workers, All Other	40		10	0		(60,345	22.81			78,728	64,241	Master's degree	
	Biological Technicians	30		10	0		(37,959	11.46			56,293		Associate degree	
19-4093	Forest and Conservation Technicians	180	190	10	0	10	10	38,844	12.71	26,429	26.41	54,934	42,684	Associate degree	
	Substance Abuse and Behavioral Disorder			_	_	_									
21-1011	Counselors	70	70	0	0	0	(36,007	11.88	24,720	26.27	54,641	40,858	Master's degree	Lic. Req.
					_										
	Educational, Vocational, and School Counselors	330		30	0		10	46,709	14.12			63,171	50,457	Bachelor's degree	
	Mental Health Counselors	420		50	10		10		7.65			48,070		Master's degree	Lic. Req.
	Rehabilitation Counselors	30		0	0		(49,653	15.97			72,758	31,484	Master's degree	Lic. Req.
	Child, Family, and School Social Workers	190		10	0	-	10	49,697	14.54		35.30	73,419		Bachelor's degree	Lic. Req.
21-1022	Medical and Public Health Social Workers	100	110	20	0	0	(39,924	11.20	23,290	27.70	57,616	44,707	Bachelor's degree	Lic. Req.
	Mental Health and Substance Abuse Social														
	Workers	120		10	0		(32,933	7.71		24.66	51,296		Master's degree	
	Social Workers, All Other	70		10	0		(63,040	23.58			80,439		Bachelor's degree	
21-1093	Social and Human Service Assistants	370	400	20	0	0	10	38,951	10.02	20,847	28.10	58,452	32,052	Modterm Tng. & Exp.	
	Community and Social Service Specialists, All														
21-1099	Other	290		40	0		10	29,543	7.81			53,121	33,276	Bachelor's degree	
23-1011		370		0	0		10	89,146	19.46			163,001	94,625	First professional degree	Lic. Req.
23-2011	Paralegals and Legal Assistants	190	190	0	0	0	(40,506	13.56	28,202	26.28	54,670	42,640	Associate degree	
23-2091	Court Reporters	30	30	0	0		(34,958	7.27			60,563	37,651	Postsecondary voc.	Lic. Req.
23-2093	Title Examiners, Abstractors, and Searchers	40		0	0		(28,491	9.56			46,819		Modterm Tng. & Exp.	
23-2099	Legal Support Workers, All Other	30		10	0		(41,621	11.64			57,842		Modterm Tng. & Exp.	
	Business Teachers, Postsecondary	30		10	0		(56,222	NA			79,655		Doctoral degree	
25-1021	Computer Science Teachers, Postsecondary	20	30	10	0	0	(75,547	NA	44,712	NA	137,224	62,186	Doctoral degree	
25-1022	Mathematical Science Teachers, Postsecondary	30	40	10	0	0	(62,845	NA	47,291	NA	81,019	52,868	Doctoral degree	
	English Language and Literature Teachers,														
25-1123	Postsecondary	30	30	10	0	0	(64,226	NA	44,654	NA	97,161	52,675	Doctoral degree	
25-2011	Preschool Teachers, Except Special Education	390	380	0	0	10	10	21,541	6.92	14,384	14.33	29,813	21,691	Bachelor's degree	Cert. Avail.
25-2012	Kindergarten Teachers, Except Special Education Elementary School Teachers, Except Special	290	340	50	10	10	10	40,984	NA	33,719	NA	50,696	44,476	Bachelor's degree	Cert. Avail.
25 2021	Education	1,980	2,300	320	30	40	80	40,779	NA	33,047	NA	50,846	44,622	Bachelor's degree	Lic. Req.
	Vocational Education Teachers, Middle School			320	0							51,479		Wk Exp.+ Bachelor's or higher degree	
23-2023		100	90	U	U	0	,	42,117	NA	34,017	NA	31,479	43,742	WK Exp.+ Bachelor's or higher degree	:
25 2021	Secondary School Teachers, Except Special and Vocational Education	060	1.040	80	10	30	40	40.254	27.4	22.274	37.4	52.712	46.150	D. J. J. J. J	Ti. D.
25-2031		960	1,040	80	10	30	40	42,354	NA	33,374	NA	52,713	46,159	Bachelor's degree	Lic. Req.
25-2032	Vocational Education Teachers, Secondary	100	90	0	0	0	,	45,349	27.4	25.071	NA	56 400	40.615	De de de de de con-	
25-2032		100	90	U	0	0	,	45,349	NA	35,971	NA	56,490	48,615	Bachelor's degree	
25 20 41	Special Education Teachers, Preschool,	100		20				41.106		21.015		52.410	46.244		
	Kindergarten, and Elementary School	100		20	0		(41,186	NA			53,418		Bachelor's degree	Cert. Avail.
	Special Education Teachers, Middle School	40		10	0	-	(44,553	NA			54,160		Bachelor's degree	Cert. Avail.
25-2043	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, and GED	690	760	70	10	20	20	42,422	NA	34,399	NA	52,121	46,290	Bachelor's degree	Cert. Avail.
25-3011	Teachers and Instructors	140	160	20	0	0	(43,626	10.43	21,690	30.05	62,498	37,658	Bachelor's degree	
	Self-Enrichment Education Teachers	260		70	10		10	39,436			24.10	50,126		Work Exp. in a related occ.	
	Teachers and Instructors, All Other	250	280	30	0		10	49,256	NA			72,729		Bachelor's degree	
	Librarians	140		10	0		10	43,337	15.65			54,497		Master's degree	Lic. Req.
	Library Technicians	130		10	0		10	18,127	6.88			24,570		Short-term Tng. & Exp.	Lic. Req.
	Instructional Coordinators	40	50	10	0		10	45,836	13.50			65,718		Master's degree	
	Teacher Assistants	1,370		120	10	-	30		13.30 NA		31.00 NA	19,952		Short-term Tng. & Exp.	Cert. Avail.
25-7041	Education, Training, and Library Workers, All	1,570	1,400	120	10	20		10,430	11/1	17,141	MA	17,932	17,730	Short-term ring, et Exp.	cert. Avail.
25-9099		90	100	10	0	0	(33,563	8.50	17,683	25.13	52,267	43,772	Bachelor's degree	Lic. Req.
25-7077	O.I.O.	90	100	10	U		,	,	0.50	17,000	20.10	32,207	75,112	Dacticion a degree	Lic. Req.

	_	1	1			,									
Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
								wage	10% 10	10% 11	10% 12	10 /6			
27-1023	Floral Designers	100	80	0	0	0	0	19,037	6.87	14,299	12.27	25,515	23,044	Modterm Tng. & Exp.	
27-1024	Graphic Designers	190	170	0	0	10	10	33,665	9.56	19,887	25.35	52,724	36,606	Bachelor's degree	
	Merchandise Displayers and Window Trimmers	30 70			0	0	0	25,866	7.13		16.90	35,157		Modterm Tng. & Exp.	
	Coaches and Scouts Radio and Television Announcers	90			0		0	40,823 22,337	NA 6.86		NA 16.98	61,114 35,325		Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Public Relations Specialists	90			0		0	48,679	16.15			71,128		Bachelor's degree	
27-3043	Writers and Authors	350	490	140	10	10	20	49,505	14.05	29,233	33.66	70,007	40,659	Bachelor's degree	
	Photographers	150			0	0	0	29,066	8.76		18.98	39,477		Long-term Tng. & Exp.	
	Dentists, General	90	80		0	0	0	157,355	37.68			>166,400		First professional degree	Lic. Req.
	Dietitians and Nutritionists Pharmacists	60 360			0 10	0 10	20	54,815 99,999	16.16 36.11			75,591 125,137	45,081 102,448	Bachelor's degree First professional degree	Lic. Req. Lic. Req.
	Family and General Practitioners	40			0	0	20	169,161	57.18			>166,400		First professional degree	Lic. Req.
	Physicians and Surgeons, All Other	280			0		10	184,672	25.41			>166,400		First professional degree	Lic. Req.
	Physician Assistants	80			0	0	0	84,297	31.56	65,651	55.85	116,160	70,321	Bachelor's degree	Lic. Req.
	Registered Nurses	3,020			70	50	120	58,200	19.73			77,371	60,721	Associate degree	Lic. Req.
	Occupational Therapists	100			0		10	77,926	26.70			110,289		Bachelor's degree	Lic. Req.
	Physical Therapists Respiratory Therapists	140 120			0	0	10	85,372 48,961	27.20 17.37			111,896 64,443		Master's degree Associate degree	Lic. Req. Lic. Req.
	Veterinarians	50	50		0	0	0	64,188	20.31			84,681	81,885	First professional degree	Lic. Req.
	Medical and Clinical Laboratory Technologists	200	220		0	0	10	50,123	17.95			64,067		Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	120			0	0	0	34,649	10.40			54,641		Associate degree	-
	Dental Hygienists	80			0	0	0	48,411	14.64			63,635		Associate degree	Lic. Req.
	Cardiovascular Technologists and Technicians	20 40			0	0	0	35,206	9.29 20.80			55,953		Associate degree	
	Diagnostic Medical Sonographers Radiologic Technologists and Technicians	250			0	0	10	54,132 47,075	16.96		34.62 28.84	72,019 59,979		Associate degree Associate degree	Lic. Req.
	Dietetic Technicians	40	40		0	0	0	28,905	9.83		19.02	39,565		Modterm Tng. & Exp.	Lic. req.
	Pharmacy Technicians	310			20	10	20	27,986	9.47			37,346		Modterm Tng. & Exp.	Lic. Req.
	Psychiatric Technicians	220			0		10	24,951	8.03			42,068		Postsecondary voc.	
	Respiratory Therapy Technicians	40			0	0	0	43,667	14.65		28.54	59,373		Postsecondary voc.	
29-2055	Surgical Technologists Licensed Practical and Licensed Vocational	70	90	20	0	0	0	34,758	12.16	25,291	22.17	46,112	37,644	Postsecondary voc.	
29-2061	Nurses	1,510	1,760	250	30	40	70	35,256	12.90	26,840	21.89	45,525	37,564	Postsecondary voc.	Lic. Req.
	Medical Records and Health Information	-,	-,					,		,		,	,		
29-2071	Technicians	170			0	10	10	33,122				51,188		Associate degree	Cert. Avail.
29-2081	Opticians, Dispensing	60	60	0	0	0	0	34,906	10.25	21,316	27.58	57,366	29,866	Long-term Tng. & Exp.	
20.2000	Hald Table 1 in 1 Table 1 in All Oder	60	60	10	0	0		30,925	8,99	18,708	24.44	50,828	35,561	T 0 F	Ti. D.
	Health Technologists and Technicians, All Other Occupational Health and Safety Specialists	40			0		0	59,951	18.85		41.13	50,828 85,554		Long-term Tng. & Exp. Bachelor's degree	Lic. Req.
27-7011	Healthcare Practitioners and Technical Workers,	40	50	10		·		37,731	10.05	37,201	41.13	05,554	05,011	Bacileioi s'degree	
29-9099	All Other	90	90	10	0	0	0	45,686	11.74	24,418	50.20	104,414	36,868	Bachelor's degree	Lic. Req.
	Home Health Aides	1,100			40		50	19,524	7.06			26,320		Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	2,220			30	20	50	19,355	7.11			25,629		Short-term Tng. & Exp.	Lic. Req.
	Psychiatric Aides Physical Therapist Assistants	360 30	390 40		0	0	10	22,485 42,247	7.16 16.37			34,348 54,506		Short-term Tng. & Exp. Associate degree	Lic. Req.
	Physical Therapist Assistants Physical Therapist Aides	60			0	0	0	23,412	7.95			34,454		Short-term Tng. & Exp.	Lic. Req.
	Dental Assistants	240	270		0	0	10	28,939	10.25		19.33	40,205		Modterm Tng. & Exp.	
	Medical Assistants	240			10		10	23,882	7.77		14.92	31,039		Modterm Tng. & Exp.	Cert. Avail.
	Medical Equipment Preparers	70			0	0	0	23,046	8.67		14.15	29,423		Short-term Tng. & Exp.	
	Medical Transcriptionists Pharmacy Aides	90 90			0	0	0	26,990 21,155	10.01 7.24			35,397		Postsecondary voc. Short-term Tng. & Exp.	
31-9093	Veterinary Assistants and Laboratory Animal	90	90	U	U	U	U	21,133	7.24	13,036	12.32	25,629	21,410	Short-term ring. & Exp.	
31-9096	Caretakers	70	60	0	0	0	0	22,344	7.17	14,905	14.02	29,169	22,780	Short-term Tng. & Exp.	
31-9099	Healthcare Support Workers, All Other	300	340	40	0	0	10	24,188	7.69	15,988	19.41	40,378	25,805	Short-term Tng. & Exp.	Lic. Req.
	First-Line Supervisors/Managers of Correctional														
33-1011		350	390	40	0	10	10	53,136	14.49	30,137	35.13	73,070	55,005	Work Exp. in a related occ.	
22 1012	First-Line Supervisors/Managers of Police and Detectives	340	360	20	0	10	10	47,188	14.14	29,415	32.86	68,348	61,419	Work Exp. in a related occ.	
33-1012	First-Line Supervisors/Managers of Fire Fighting	340	300	20		10	10	47,100	14.14	47,413	32.00	00,346	01,419	** ork Exp. III a related occ.	
33-1021	and Prevention Workers	160	170	10	0	10	10	49,569	17.18	35,738	33.80	70,300	50,559	Work Exp. in a related occ.	
	First-Line Supervisors/Managers, Protective									,			-,		
	Service Workers, All Other	40	30		0	0	0	39,592	9.09			57,345		Work Exp. in a related occ.	
	Fire Fighters	190	210	20	0	10	10	34,662	10.45			46,636		Long-term Tng. & Exp.	
33-3011	Correctional Officers and Jailers	2,320		300	30	50	80	22,090 35,708	7.40 10.06			29,300 53,768		Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	170	190	300	0	0	10	42,740	13.64			72,523		Work Exp. in a related occ.	
	Police and Sheriff's Patrol Officers	790	860				30		7.97			42,959		Long-term Tng. & Exp.	

	T	T	ı	ī	ī	1		1	2010	1	2010				
								2010	2010 RLMA 1	2010	2010 RLMA 1	2010 RLMA			
Occupa-					Annual	Annual	Annual	RLMA 1	Hourly	RLMA 1	Hourly	1 Annual	2010 State		Occupational
tional	Occupational Title ²	2008	2018	10 Year	New	Replace-	Total	Annual	Avg.	Annual	Avg.	Avg. Wage -	Annual	Most Significant Source of	License
Code 1		Estimate 3	Projected 4	Growth 5	Growth 6	ment 7	Openings 8	Average	Wage -	Avg. Wage - Lowest	Wage -	Highest	Average Wage ¹⁴	Education or Training ¹⁵	Required 16
								Wage 9	Lowest	10% 11	Highest	10% 13	wage		
33-9032	Security Guards	480	480	0	0	10	10	21,483			10% ¹² 17.06	35,476	23,449	Short-term Tng. & Exp.	Lic. Req.
	Crossing Guards	40	40		0		(16,324				21,494	20,753	Short-term Tng. & Exp.	
35-1011	Chefs and Head Cooks	80	90	10	0	0	(50,344	12.17	25,323	34.98	72,758	37,973	Postsecondary voc.	
	First-Line Supervisors/Managers of Food														
	Preparation and Serving Workers	740 600	830 670		10						17.53	36,468	28,307	Work Exp. in a related occ.	
	Cooks, Fast Food Cooks, Institution and Cafeteria	1,000	1,030	70 30	10						8.98 9.82	18,682 20,423	16,156 18,044	Short-term Tng. & Exp. Long-term Tng. & Exp.	
	Cooks, Restaurant	440	500	50	10			17,031			12.26	25,496	21,236	Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Cooks, Short Order	70	70		0						10.71	22,269	17,567	Short-term Tng. & Exp.	
	Food Preparation Workers	2,020	2,340	320	30					14,097	9.29	19,330	16,937	Short-term Tng. & Exp.	
35-3011	Bartenders	160	180	10	0	10	10	16,659	6.86	14,273	9.49	19,739	17,069	Short-term Tng. & Exp.	
	Combined Food Preparation and Serving														
35-3021	Workers, Including Fast Food	830	1,000	170	20	20	30	17,871	6.83	14,202	12.98	26,991	16,638	Short-term Tng. & Exp.	
25 2022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	120	140	10	0	10	10	15,620	6.76	14,056	8.82	18,355	17,195	Short-term Tng. & Exp.	
	Waiters and Waitresses	1,360	1,520		20							18,660		Short-term Tng. & Exp.	
	Food Servers, Nonrestaurant	110			0							19,936		Short-term Tng. & Exp.	
	Dining Room and Cafeteria Attendants and							.,						3 . 1	
	Bartender Helpers	60	70		0		(16,198				19,222	16,927	Short-term Tng. & Exp.	
35-9021	Dishwashers	250	280	30	0	10	10	15,920	6.77	14,091	9.11	18,942	16,289	Short-term Tng. & Exp.	
25 0021	Hosts and Hostesses, Restaurant, Lounge, and	150	150	20				15.000	ć 5 0	14110	0.00	10.000	15.121		
35-9031	Coffee Shop First-Line Supervisors/Managers of	150	170	20	0	10	10	15,900	6.79	14,119	9.08	18,890	17,131	Short-term Tng. & Exp.	
27 1011	Housekeeping and Janitorial Workers	250	250	0	0	0		26,663	8.21	17,071	18.26	37,975	30,005	Work Exp. in a related occ.	Cert. Avail.
37-1011	Housekeeping and Jaintorial Workers	230	230	U	0	U	,	20,003	0.21	17,071	10.20	31,913	50,005	work Exp. iii a related occ.	Cert. Avaii.
	First-Line Supervisors/Managers of Landscaping,														
37-1012	Lawn Service, and Groundskeeping Workers	130	120	0	0	0	(34,992	10.19	21,192	27.66	57,536	34,298	Work Exp. in a related occ.	
	Janitors and Cleaners, Except Maids and														
	Housekeeping Cleaners	1,940			10		50					24,101	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	1,110		30	0		20					19,428	17,810	Short-term Tng. & Exp.	
	Pest Control Workers Tree Trimmers and Pruners	70 190	60 160	0	0	0	(24,240 22,880			18.35 14.12	38,176 29,360	28,434 25,106	Modterm Tng. & Exp. Short-term Tng. & Exp.	
	Grounds Maintenance Workers, All Other	40	40		0		(37,788				51,131	26,383	Short-term Tng. & Exp. Short-term Tng. & Exp.	
37 3017	First-Line Supervisors/Managers of Personal			Ü		0	`	57,700	,.,,	20,525	21.50	51,151	20,505	Short term Ting. to Exp.	
39-1021	Service Workers	440	440	0	0	10	10	33,579	9.06	18,849	23.36	48,581	34,952	Work Exp. in a related occ.	
	Nonfarm Animal Caretakers	100	110		0	0		19,508			12.33	25,640	21,845	Short-term Tng. & Exp.	
39-3091	Amusement and Recreation Attendants	40	40	0	0	0	(19,998	6.99	14,542	15.47	32,181	17,785	Short-term Tng. & Exp.	
20 2000	Entertainment Attendants and Related Workers,	1.40	1.00	20						14.550		21.026	20.012		
	All Other	140 70	160 80		0	10 0		21,435				31,836 43,751	20,812 22,867	Modterm Tng. & Exp.	
	Funeral Attendants Hairdressers, Hairstylists, and Cosmetologists	270	290		0	0		20,052				28,879	26,355	Short-term Tng. & Exp. Postsecondary voc.	Lic. Req.
	Child Care Workers	1,130	1,080		0							17,602		Short-term Tng. & Exp.	Cert. Avail.
	Personal and Home Care Aides	1,210	1,360	150	20							28,689	17,807	Short-term Tng. & Exp.	Cert. Avail.
39-9032	Recreation Workers	150	140		0	0	(23,512	7.39	15,366	17.65	36,702	22,897	Short-term Tng. & Exp.	
	Residential Advisors	130	160		0		10					24,496		Modterm Tng. & Exp.	
39-9099	Personal Care and Service Workers, All Other	280	230	0	0	10	10	17,309	6.94	14,427	9.62	20,017	18,604	Modterm Tng. & Exp.	
41.1011	First-Line Supervisors/Managers of Retail Sales	1.500				40		21 202	0.05	20.507	22.12	46,000	24.002		
41-1011	Workers First-Line Supervisors/Managers of Non-Retail	1,720	1,810	90	10	40	50	31,202	9.95	20,706	22.12	46,008	34,002	Work Exp. in a related occ.	
41-1012	Sales Workers	350	390	40	0	10	10	43,924	8.64	17,970	33.22	69,105	56,264	Work Exp. in a related occ.	
	Cashiers	4,070	3,930		0							19,293	16,729	Short-term Tng. & Exp.	
	Counter and Rental Clerks	190	190	0	0			22,988			18.40	38,262		Short-term Tng. & Exp.	
	Parts Salespersons	300	290	0	0	0	(23,875				38,103		Modterm Tng. & Exp.	
41-2031	Retail Salespersons	3,000	3,310	300	30						16.84	35,029	22,803	Short-term Tng. & Exp.	
	Advertising Sales Agents	90	90	0	0	0		31,900				50,023	34,071	Modterm Tng. & Exp.	
	Insurance Sales Agents	460	470 240		0 10			,			36.20 29.32	75,303	44,901	Bachelor's degree	
41-3099	Sales Representatives, Services, All Other Sales Representatives, Wholesale and	180	240	50	10	0	10	40,290	11.20	23,293	29.32	60,986	45,050	Modterm Tng. & Exp.	
	Manufacturing, Except Technical and Scientific														
41-4012	Products	780	930	150	20	20	30	40,202	10.54	21,915	31.48	65,473	52,664	Modterm Tng. & Exp.	
	Real Estate Sales Agents	110	100		0			48,281				76,344	37,705	Postsecondary voc.	Lic. Req.
	First-Line Supervisors/Managers of Office and													•	•
43-1011	Administrative Support Workers	1,420	1,390	0	0	30	30	38,396	10.87	22,614	27.35	56,890	40,655	Work Exp. in a related occ.	
	Switchboard Operators, Including Answering														
43-2011		200	170		0			20,310				27,977	22,564	Short-term Tng. & Exp.	
45-3011	Bill and Account Collectors	170	190	20	0	0	10	26,792	9.30	19,350	17.95	37,331	29,690	Short-term Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
43-3021	Billing and Posting Clerks and Machine Operators	340	330	0	0	0	0	24,209	8.02	16,673	15.96	33,197	28,147	Short-term Tng. & Exp.	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,560		30	0	30	30	28,593	8.57	17,823	19.71	40,992	31,615	Modterm Tng. & Exp.	
43-3051	Payroll and Timekeeping Clerks	150		0	0	0	0	31,375			21.81	45,366		Short-term Tng. & Exp.	
	Procurement Clerks	120	120	0	0	0	0	38,579			24.76	51,493	34,954	Short-term Tng. & Exp.	
43-3071		670		130	10	30	40	20,405			12.86		21,791	Short-term Tng. & Exp.	
	Court, Municipal, and License Clerks Customer Service Representatives	110 1,510		10 270	0 30	0 40	70	31,164 23,222			22.18 17.24	46,126 35,853	30,774 27,131	Short-term Tng. & Exp.	
	File Clerks	1,510		270	0	40	/0	19,822			17.24		20,949	Modterm Tng. & Exp. Short-term Tng. & Exp.	
	Hotel, Motel, and Resort Desk Clerks	200		10	0	10	10	18,331			11.48		20,956	Short-term Tng. & Exp.	
	Interviewers, Except Eligibility and Loan	150		30	0	0	10	23,893			15.65		25,460	Short-term Tng. & Exp.	
	Loan Interviewers and Clerks	330	340	10	0	10	10	24,328	7.30	15,190	17.29		28,351	Short-term Tng. & Exp.	
	New Accounts Clerks	60		0	0	0	0	24,390			17.14		26,500	Work Exp. in a related occ.	
	Order Clerks Human Resources Assistants, Except Payroll and	80		0	0	0	C	25,766			19.74		27,387	Short-term Tng. & Exp.	
	Timekeeping	90		10	0	0	0	33,995			22.16		33,521	Short-term Tng. & Exp.	
	Receptionists and Information Clerks	990 360	,	40	0	20 10	30	20,197 33,548			12.46 22.98		21,571 30,762	Short-term Tng. & Exp.	Cert. Avail.
	Information and Record Clerks, All Other Couriers and Messengers	100		0	0	0	10	17,675			11.24		21,938	Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Police, Fire, and Ambulance Dispatchers	100		10	0	0	C	24,761			17.60		26,752	Modterm Tng. & Exp.	
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	130	0	0	0	0	28,891	9.37	19,491	18.99	39,490	33,250	Modterm Tng. & Exp.	
	Meter Readers, Utilities	190		0	0	10	10	26,365			17.05	35,454	29,405	Short-term Tng. & Exp.	
43-5061	Production, Planning, and Expediting Clerks	170		20	0	10	10	46,411			30.23	62,875	42,143	Short-term Tng. & Exp.	
	Shipping, Receiving, and Traffic Clerks	360		0	0	10	10	26,536			22.54	46,890	28,574	Short-term Tng. & Exp.	
	Stock Clerks and Order Fillers Executive Secretaries and Administrative	1,210		0	0	30	30	19,990			14.92		21,474	Short-term Tng. & Exp.	
	Assistants	690		20	0	10	10	34,221			22.84		35,801	Modterm Tng. & Exp.	Cert. Avail.
	Legal Secretaries Medical Secretaries Secretaries From Legal Medical and	190 360		90	0 10	0 10	20	31,055 21,116			19.35 13.27		35,429 25,548	Postsecondary voc. Postsecondary voc.	
43-6014	Secretaries, Except Legal, Medical, and Executive	2,660	2,460	0	0	40	40	24,603	8.07	16,785	17.31	36,002	26,634	Modterm Tng. & Exp.	Cert. Avail.
	Computer Operators	50	30	0	0	0	0	39,945			25.64	53,340	35,471	Modterm Tng. & Exp.	
	Data Entry Keyers	50		0	0	0	C	22,230			14.23		25,400	Modterm Tng. & Exp.	
	Word Processors and Typists	40		0	0	0	0	28,676			20.27	42,169	29,563	Modterm Tng. & Exp.	
	Insurance Claims and Policy Processing Clerks	40		0	0	0	0	29,230			18.43			Modterm Tng. & Exp.	
43-9061	Office Clerks, General Office and Administrative Support Workers, All	1,780	1,770	0	0	30	30	20,684	6.95	14,459	15.89	33,043	21,555	Short-term Tng. & Exp.	
43-9199		90	80	0	0	0	0	36,811	10.35	21,525	25.90	53,865	31,927	Short-term Tng. & Exp.	
45-1011	Fishing, and Forestry Workers Farmworkers and Laborers, Crop, Nursery, and	210	210	0	0	0	0	39,954	13.56	28,198	30.71	63,871	44,440	Modterm Tng. & Exp.	
45-2092	Greenhouse	670	730	60	10	20	20	16,788	6.87	14,284	9.49	19,742	19,307	Long-term Tng. & Exp.	
45-4022	Logging Equipment Operators First-Line Supervisors/Managers of Construction	1,210	1,360	150	20	20	40	31,709	11.29	23,483	19.04	39,595	30,898	Modterm Tng. & Exp.	
	Trades and Extraction Workers	650		0	0	10	10	51,239			36.03		56,840	Work Exp. in a related occ.	
	Carpenters	1,680		0	0	20	20	33,192			21.22		37,217	Long-term Tng. & Exp.	Cert. Avail.
	Tile and Marble Setters	20		0	0	0	0	30,311	9.81	20,411	18.23		31,789	Long-term Tng. & Exp.	
	Cement Masons and Concrete Finishers Construction Laborers	40 1,350		0	0	0 10	10	33,529 25,067		24,566 17,471	21.37 17.56	44,451 36,534	35,457 26,445	Long-term Tng. & Exp. Modterm Tng. & Exp.	Cert. Avail.
47-2071	Paving, Surfacing, and Tamping Equipment Operators Operating Engineers and Other Construction	40	50	0	0	0	0	27,780	9.80	20,393	15.78	32,821	33,222	Modterm Tng. & Exp.	
47-2073	Equipment Operators	660	710	50	10	10	20	36,734	11.69	24,314	27.43	57,056	37,325	Modterm Tng. & Exp.	Cert. Avail.
	Drywall and Ceiling Tile Installers	90		0	0	0	20	29,802		20,411	18.04		33,049	Modterm Tng. & Exp.	con. Avan.
	Electricians	440		50	10	10	20	49,198	14.94	31,075	36.31	75,517	43,538	Long-term Tng. & Exp.	Lic. Req.
	Painters, Construction and Maintenance	370		0	0	10	10	35,964			24.95	51,886	32,941	Modterm Tng. & Exp.	Cert. Avail.
	Pipelayers	60		0	0	0	0	31,313			24.37	50,680	32,756	Modterm Tng. & Exp.	
	Plumbers, Pipefitters, and Steamfitters	210		10	0	0	10	41,307			27.71	57,628	43,985	Long-term Tng. & Exp.	Lic. Req.
	HelpersCarpenters HelpersElectricians Halpers Pinalayers Plumbers Pinalitters and	280 80		0	0	10 0	10	22,486 22,418			14.31 14.69	29,763 30,547	23,989 25,933	Short-term Tng. & Exp. Short-term Tng. & Exp.	
47-2015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	220	230	20	0	10	10	28,408	10.22	21,266	17.30	35,986	29,025	Short-term Tng. & Exp.	
	Construction and Building Inspectors	80		0	0	0	10	55,618			33.40			Work Exp. in a related occ.	Lic. Req.
	Highway Maintenance Workers	80		0	0	0	C	31,271			26.00		29,810	Modterm Tng. & Exp.	
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	20	0	0	0	C	30,505	10.65	22,155	19.17	39,878	22,980	Modterm Tng. & Exp.	
	Rotary Drill Operators, Oil and Gas	30	40	10	0	0	0	69,283	20.65	42,947	48.87	101,654	60,521	Modterm Tng. & Exp.	

Occupa-					Annual	Annual	Annual	2010 RLMA 1	2010 RLMA 1	2010 RLMA 1	2010 RLMA 1	2010 RLMA 1 Annual	2010 State		Occupational
tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	New Growth ⁶	Replace- ment ⁷	Total Openings 8	Annual Average	Avg. Wage -	Annual Avg. Wage - Lowest	Avg. Wage - Highest	Avg. Wage - Highest 10% 13	Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	License Required 16
								Wage 9	Lowest 10% 10	10% 11	10% 12	10%			
47-5071	Roustabouts, Oil and Gas	80	100	20	0	0	0	29,024	10.44	21,724	18.26	37,982	31,819	Modterm Tng. & Exp.	
	First-Line Supervisors/Managers of Mechanics,				_										
49-1011	Installers, and Repairers Telecommunications Equipment Installers and	440	480	40	0	10	10	57,279	15.46	32,163	41.38	86,079	55,592	Work Exp. in a related occ.	
49-2022	Repairers, Except Line Installers	130	160	30	0	0	10	45,191	11.62	24,161	31.86	66,260	45,338	Postsecondary voc.	
	Security and Fire Alarm Systems Installers	40	40	0	0	0	0	34,658	9.55		24.76	51,511	34,839	Postsecondary voc.	
	Automotive Body and Related Repairers	100			0		0	34,325 29,802	10.85		25.25	52,512		Long-term Tng. & Exp.	Cert. Avail.
49-3022	Automotive Glass Installers and Repairers	70	70	10	0	0	U	29,802	9.70	20,175	21.18	44,056	28,445	Long-term Tng. & Exp.	
49-3023	Automotive Service Technicians and Mechanics Bus and Truck Mechanics and Diesel Engine	500	560	60	10	10	20	29,548	7.93	16,503	21.17	44,040	32,658	Postsecondary voc.	Cert. Avail.
49-3031	Specialists	160	150	0	0	0	0	34,413	12.41	25,809	21.69	45,116	39,406	Postsecondary voc.	Cert. Avail.
49-3042	Mobile Heavy Equipment Mechanics, Except	210	220	20	0	0	10	44,095	13.38	27,823	30.98	64,436	41,208	Postsecondary voc.	
	Motorboat Mechanics	40	50		0	0	0	29,935	9.32		22.08	45,929		Long-term Tng. & Exp.	Cert. Avail.
	Heating, Air Conditioning, and Refrigeration													3	
	Mechanics and Installers	250	260		0	0	10	35,292	11.41		25.39	52,804	38,086	Long-term Tng. & Exp.	Cert. Avail.
	Industrial Machinery Mechanics	190 1,380	220 1,450		0 10	0	10 10	36,871	12.66 7.49		22.73 23.78	47,272 49,472		Long-term Tng. & Exp.	Cert. Avail.
	Maintenance and Repair Workers, General Maintenance Workers, Machinery	1,380	1,450	/U 0	0		10	30,406 36,586	11.18		23.78	56,816		Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Millwrights	90	100	10	0		0	39,008	13.18		26.41	54,933	43,614	Long-term Tng. & Exp.	Cert. Avail.
	Electrical Power-Line Installers and Repairers	520	610	90	10	20	30	39,310	12.12		27.15	56,470		Long-term Tng. & Exp.	
49-9052	Telecommunications Line Installers and Repairers HelpersInstallation, Maintenance, and Repair	150	180	40	0	0	10	43,243	12.58	26,169	29.55	61,465	38,638	Long-term Tng. & Exp.	
49-9098		270	290	20	0	10	10	22,423	7.19	14,958	18.15	37,762	24,091	Short-term Tng. & Exp.	
49-9099	All Other First-Line Supervisors/Managers of Production	240	280	30	0	0	10	52,722	13.10	27,256	34.54	71,847	36,426	Long-term Tng. & Exp.	
	and Operating Workers	390			0		10	54,905	12.19		42.41	88,213		Work Exp. in a related occ.	
	Structural Metal Fabricators and Fitters	60	60		0	0	0	29,102	9.31		17.94	37,320		Modterm Tng. & Exp.	Cert. Avail.
	Team Assemblers	910			0	20	20	33,231	9.41		23.56	49,008		Modterm Tng. & Exp.	
51-3011	Butchers and Meat Cutters	150 60	150 50		0	0	0	24,209 24,931	7.30 7.42		17.67 17.96	36,760 37,362		Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Meat, Poultry, and Fish Cutters and Trimmers Cutting, Punching, and Press Machine Setters,	50	40		0	0	0	18,913	6.82		15.07	31,344	18,782	Short-term Tng. & Exp.	
51-4031	Operators, and Tenders, Metal and Plastic Drilling and Boring Machine Tool Setters,	20	20	0	0	0	0	32,297	8.42	17,523	23.55	48,978	32,171	Modterm Tng. & Exp.	
51-4032	Operators, and Tenders, Metal and Plastic	50	40		0	0	0	36,103	12.56		23.19	48,240		Modterm Tng. & Exp.	
	Machinists	30	30		0	0	0	37,674	12.13		24.15	50,233		Long-term Tng. & Exp.	
	Welders, Cutters, Solderers, and Brazers	170	180		0	0	10	42,616	11.91		28.10	58,447	40,790	Postsecondary voc.	Cert. Avail.
	Printing Machine Operators Laundry and Dry-Cleaning Workers	20 350	20 380		0	0 10	10	31,431 19,144	8.16 6.83		21.20 12.61	44,089 26,230		Modterm Tng. & Exp. Modterm Tng. & Exp.	
31-0011	Laundry and Dry-Cleaning Workers	330	560	20	U	10	10	19,144	0.65	14,214	12.01	20,230	10,112	wodterm riig. & Exp.	
51-6021	Pressers, Textile, Garment, and Related Materials	50	40	0	0	0	0	18,035	6.99	14,549	11.35	23,600	19,246	Short-term Tng. & Exp.	
51-6031	Sewing Machine Operators	40	30	0	0	0	0	18,302	6.93	14,418	12.32	25,635	19,738	Modterm Tng. & Exp.	
51-7041	Sawing Machine Setters, Operators, and Tenders,	190	220	30	0	0	10	23,563	8.33	17,321	15.41	32,052	28,123	Modterm Tng. & Exp.	
31-7041	Woodworking Machine Setters, Operators, and	190	220	30	0	0	10	23,303	6.33	17,321	13.41	32,032	26,123	Modterm ring. & Exp.	
51-7042	Tenders, Except Sawing	150	170	20	0	0	10	29,764	10.28	21,379	18.52	38,511	31,417	Modterm Tng. & Exp.	
51-8021	Stationary Engineers and Boiler Operators Water and Liquid Waste Treatment Plant and	70	70		0	0	0	43,924	12.69	26,395	30.41	63,254	42,129	Long-term Tng. & Exp.	
51-8031	System Operators Petroleum Pump System Operators, Refinery	200	240	40	0	0	10	28,577	10.07	20,948	18.28	38,015	29,751	Long-term Tng. & Exp.	Lic. Req.
	Operators, and Gaugers Mixing and Blending Machine Setters,	130	150		0	0	10	49,850	14.26		30.53	63,493		Long-term Tng. & Exp.	
	Operators, and Tenders Furnace, Kiln, Oven, Drier, and Kettle Operators	60	50		0	-	0	30,274	8.70		27.94	58,125		Modterm Tng. & Exp.	
	and Tenders Inspectors, Testers, Sorters, Samplers, and	30	30		0		0	26,808	9.36		17.02	35,409		Modterm Tng. & Exp.	
51-9061	Weighers Packaging and Filling Machine Operators and	340	310	0	0	10	10	40,814	10.89	22,648	28.32	58,900	40,431	Modterm Tng. & Exp.	Lic. Req.
51-9111		140	140	0	0	0	0	25,625	7.44	15,483	23.11	48,062	27,579	Short-term Tng. & Exp.	
	Operators, and Tenders	70	70		0	0	0	36,054	13.92		22.11	45,982		Modterm Tng. & Exp.	
	HelpersProduction Workers	400	420	10	0		10	22,426	7.20		17.61	36,621	25,052	Short-term Tng. & Exp.	
51-9199	Production Workers, All Other	90	90	0	0	0	0	29,385	7.43	15,458	26.19	54,484	31,472	Modterm Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	First-Line Supervisors/Managers of Helpers,														
53-1021	Laborers, and Material Movers, Hand First-Line Supervisors/Managers of	100	120	10	0	0	0	40,078	13.57	28,231	30.71	63,878	43,835	Work Exp. in a related occ.	
	Transportation and Material-Moving Machine														
53-1031	and Vehicle Operators	120	120	0	0	0	0	49,766	12.87	26,771	36.95	76,860	52,393	Work Exp. in a related occ.	
	Commercial Pilots	450	320		0	10	10	61.451	NA	44,063		79,190	68,393	Postsecondary voc.	
	Bus Drivers, School	790	850		10	10		17,704		14.418		21,339	18,608	Short-term Tng. & Exp.	
53-3031	Driver/Sales Workers	420	420	0	0	10	10	30,794		14,614	23.28	48,433	28,790	Short-term Tng. & Exp.	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,030	2,090	60	10	40	40	34,023	9.86	20,517	23.97	49,867	35,203	Modterm Tng. & Exp.	Lic. Req.
53-3033	Truck Drivers, Light or Delivery Services	850	920	70	10	20	20	26,930	7.00	14,557	25.62	53,298	28,162	Short-term Tng. & Exp.	•
53-3041	Taxi Drivers and Chauffeurs	300	290	0	0	0	0	15,806	6.74	14,019	9.17	19,078	22,321	Short-term Tng. & Exp.	
53-3099	Motor Vehicle Operators, All Other	40	50	10	0	0	0	35,888	7.16	14,903	26.34	54,796	26,141	Short-term Tng. & Exp.	
	Excavating and Loading Machine and Dragline														
53-7032	Operators	260	220	0	0	0	0	31,293	11.68	24,293	19.45	40,458	33,639	Modterm Tng. & Exp.	
53-7051	Industrial Truck and Tractor Operators	540	530	0	0	10	10	31,903	9.55	19,854	21.51	44,747	30,788	Short-term Tng. & Exp.	
53-7061	Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material	130	150	20	0	10	10	18,332	6.86	14,261	12.41	25,813	20,520	Short-term Tng. & Exp.	
53-7062	Movers, Hand	2,880	2,690	0	0	90	90	21,188	7.04	14,652	14.87	30,940	22,623	Short-term Tng. & Exp.	
	Packers and Packagers, Hand	230	170		0	0	0	19,355	6.85	14,253	12.03	25,020	21,823	Short-term Tng. & Exp.	
	Refuse and Recyclable Material Collectors	50	40	0	0	0	0	19,376	6.93	14,412	12.67	26,361	24,623	Short-term Tng. & Exp.	

Alexandria - Central - Regional Labor Market Area 6 Projections for All Occupations to 2018 (in order by SOC)

RLMA 6: Avoyelles, Catahoula, Concordia, Grant, LaSalle, Rapides, Vernon, Winn

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest
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¹Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks. http://online.onetcenter.org/

15 Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS). Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

² Title of the occupation.

³ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴ 2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

⁷ Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

 $^{^9}$ 2010 Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

RLMA 7: Bossier, Bienville, Caddo, Claiborne, Desoto, Lincoln, Natchitoches, Sabine, Red River, Webster

Shreveport - Northwest - Regional Labor Market Area 7 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011

Regional Labor Market Area 7: Bossier, Bienville, Caddo, Claiborne, Desoto, Lincoln, Natchitoches, Sabine, Red River, & Webster

		Regioi	iai Labor Mai	Ket Area /	: Dossier, I	sienville, C	'addo, Claibor	ne, Desolo, I	Lincoin, No	achaoches, sc	wine, Keu r	tiver, & websie	21		
								2010	2010 DIMA 1	2010	2010 DIMA 1	2010 RLMA			
0					Annual	Annual	Annual	2010 RLMA 1	RLMA 1	RLMA 1	RLMA 1	1 Annual	2010 State		Occupational
Occupa- tional	Occupational Title ²	2008	2018	10 Year	New	Replace-	Total	Annual	Hourly Avg.	Annual	Hourly Avg.	Avg. Wage -	Annual	Most Significant Source of	License
Code 1	Occupational Title	Estimate 3	Projected 4	Growth 5	Growth 6	ment 7	Openings 8	Average	Wage -	Avg. Wage -	Wage -	Highest	Average	Education or Training ¹⁵	Required 16
Couc					Growth	ment	Openings	Wage 9	Lowest	Lowest	Highest	10% 13	Wage 14		required
									10% 10	10% 11	10% 12				
00-0000	Total, All Occupations	256,950	274,850	23,890	2,390	5,860	8,250								
	Chief Executives	230		0	0	10	10	134,065	\$7.68			>\$166,400		Wk Exp.+ Bachelor's or higher degree	
	General and Operations Managers	4,700		0	0	110	110	91,170	18.26		>80.00	>166,400		Wk Exp.+ Bachelor's or higher degree	
	Legislators	120 70		10	0	0	0	18,302 80,075	NA 23.91		NA 59.07	22,148 122,871		Wk Exp.+ Bachelor's or higher degree	
	Marketing Managers Sales Managers	550		30	0	10	20		18.18		>80.00	>166,400		Wk Exp.+ Bachelor's or higher degree Wk Exp.+ Bachelor's or higher degree	
	Public Relations Managers	60		10	0	0	0	50,394	15.13		36.98	76,918		Wk Exp.+ Bachelor's or higher degree	
	Administrative Services Managers	330		30	0	10	10	56,721	16.50		40.53	84,305		Wk Exp.+ Bachelor's or higher degree	
11-3021	Computer and Information Systems Managers	100	120	20	0	0	0	74,317	21.28	44,260	51.85	107,844	81,363	Wk Exp.+ Bachelor's or higher degree	Cert. Avail.
11-3031	Financial Managers	620		20	0	10	10	79,590	20.92		63.43	131,936	80,889	Wk Exp.+ Bachelor's or higher degree	
	Compensation and Benefits Managers	60		10	0	0	0	65,329	18.16		46.83	97,402		Wk Exp.+ Bachelor's or higher degree	
	Training and Development Managers	60		10	0	0	0	53,951	16.46		34.98	72,763		Wk Exp.+ Bachelor's or higher degree	
	Human Resources Managers, All Other Industrial Production Managers	50 190		0	0	0 10	10	62,738 76,424	20.87 12.81		37.72 60.42	78,459 125,667	72,353 92,332	Wk Exp.+ Bachelor's or higher degree Bachelor's degree	
	Purchasing Managers	190		0	0	0	10	62,338	12.81		47.23	98,242		Wk Exp.+ Bachelor's or higher degree	
11-3001	Transportation, Storage, and Distribution	100	100	Ü			Ü	02,550	12.57	20,177	47.23	70,242	05,757	WK Exp. (Bachelol 3 of Higher degree	
11-3071	Managers	180	200	20	0	10	10	64,010	17.92	37,267	47.22	98,213	66,553	Work Exp. in a related occ.	Lic. Req.
	Construction Managers	430	430	0	0	10	10	98,449	19.96		>80.00	>166,400	70,313		•
	Education Administrators, Elementary and														
	Secondary School	550		20	0		20	66,953	NA		NA	83,758		Wk Exp.+ Bachelor's or higher degree	
	Education Administrators, Postsecondary	390		40	0	10	20	82,886			56.83	118,204		Wk Exp.+ Bachelor's or higher degree	
	Engineering Managers	60 580		0 50	0 10	0 10	20	100,494 39,913	32.18 10.50		70.76 32.64	147,181	111,140 46,814	Wk Exp.+ Bachelor's or higher degree	
	Food Service Managers Funeral Directors	80		10	0	0	20	43,244	16.68		25.13	67,892 52,266			Lic. Req.
	Lodging Managers	130		0	0	0	0	43,244	12.33		28.48	59,231	47,628		Cert. Avail.
	Medical and Health Services Managers	1,080		180	20	20	40	67,160	19.84		48.71	101,322		Wk Exp.+ Bachelor's or higher degree	Lic. Req.
	Property, Real Estate, and Community														•
11-9141	Association Managers	730	770	40	0	10	10	43,516	8.40	17,478	38.90	80,921	41,840	Bachelor's degree	
	Social and Community Service Managers	210		30	0	0	10	49,694	13.49		39.06	81,236	59,751	Bachelor's degree	
11-9199	Managers, All Other	1,800	1,930	130	10	40	50	66,881	17.26	35,892	50.36	104,745	74,224	Work Exp. in a related occ.	
12 1022	Wholesale and Retail Buyers, Except Farm	1.40	140	0		0		(1.5(0	10.24	25.660	55.64	115 724	47.545	De de la la la com	
15-1022	Products Purchasing Agents, Except Wholesale, Retail,	140	140	0	0	0	0	61,568	12.34	25,660	55.64	115,724	47,545	Bachelor's degree	
13-1023	and Farm Products	310	320	10	0	10	10	48,772	13.45	27,983	36.52	75,954	49,682	Bachelor's degree	
	Claims Adjusters, Examiners, and Investigators	200		20	0		10	55,211	14.08		39.30	81,753	63,799		
	Compliance Officers, Except Agriculture,							-							
	Construction, Health and Safety, and														
	Transportation	510		50	10		10	50,561	12.84		38.12	79,284	50,085		
13-1051	Cost Estimators	190	200	10	0	0	10	58,401	13.90	28,909	43.78	91,071	56,845	Bachelor's degree	
12 1071	Employment, Recruitment, and Placement	170	190	20	0	0	10	46.210	12.00	27.224	33.25	(0.165	42.640	De de la la la com	
15-10/1	Specialists Compensation, Benefits, and Job Analysis	170	190	20	0	0	10	46,310	13.09	27,234	33.23	69,165	43,648	Bachelor's degree	
13-1072	Specialists	90	100	10	0	0	0	45,263	15.14	31,501	30.26	62,942	47,625	Bachelor's degree	
	Training and Development Specialists	160		30	0	0	10	44,899	12.97		30.30	63,029	45,825		
	Human Resources, Training, and Labor Relations							, , , , , , , , , , , , , , , , , , , ,							
	Specialists, All Other	140		30	0	0	10	50,340	15.16		35.72	74,304	51,804		
	Logisticians	40		0	0	0	0	65,235	22.87		44.35	92,257	62,453		
	Management Analysts	170		20	0		10	59,672	16.05			91,657		Wk Exp.+ Bachelor's or higher degree	
	Business Operations Specialists, All Other	770		150	20	10	20	49,544	7.74		38.13	79,307	55,418		
	Accountants and Auditors Appraisers and Assessors of Real Estate	1,420 60		140 10	10 0		40	52,496 36,877	15.52 11.74		37.37 28.86	77,739 60,033	55,095 45,151	Bachelor's degree Postsecondary voc.	Lic. Req.
	Appraisers and Assessors of Real Estate Budget Analysts	60		10	0	0	0	53,029	11.74		36.00	74,876			
	Credit Analysts	50		0	0	0	0	74,292	17.97		61.31	127,534	55,656		
	Financial Analysts	70		20	0	0	0	70,619	17.81		52.99	110,218	70,327	Bachelor's degree	
	Personal Financial Advisors	110		20	0	0	0	57,358	11.21	23,313	50.49	105,022	50,539		
	Financial Examiners	30		10	0	0	0	78,845	18.37		54.87	114,127	75,879		
	Loan Counselors	70		0	0	0	0	38,773	13.61		25.94	53,946			
13-2072	Loan Officers	480	490	10	0	10	10	54,233	14.24	29,626	38.99	81,108	47,436	Bachelor's degree	
13-2081	Tax Examiners, Collectors, and Revenue Agents	80	100	10	0	0	0	47,426	12.58	26,160	40.05	83,309	50,847	Bachelor's degree	
	Tax Preparers	210		0		0	0		8.93			54,879	29,388		
13-2002	1 un 1 reputeto	210	170	V.		U	U	33,100	0.93	10,362	20.36	54,017	27,500	rodterm ring, ee Exp.	

RLMA 7: Bossier, Bienville, Caddo, Claiborne, Desoto, Lincoln, Natchitoches, Sabine, Red River, Webster

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% 11	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
12 2000	Financial Specialists, All Other	70	80	10	-			46.463	10% ¹⁰ 7.79		10% ¹² 33.47	60.614	54,727	Doob alon's doons	1
					0			46,462				69,614		Bachelor's degree	
	Computer Programmers Computer Software Engineers, Applications	280 30	230 50		0	10	10	54,155 74,114			38.31 52.87	79,690 109,967		Bachelor's degree Bachelor's degree	Cert. Avail. Cert. Avail.
13-1031	Computer Software Engineers, Applications	50	50	20		Ü		/4,114	10.75	30,731	32.07	105,507	70,020	Bacileior 3 degree	CCIT. Avail.
	Computer Software Engineers, Systems Software	80	110	20	0			61,464				87,647		Bachelor's degree	
	Computer Support Specialists	480	600		10			43,944				66,016		Associate degree	Cert. Avail.
15-1061	Database Administrators	30	40	10	0	0	0	51,701	17.84	37,110	35.32	73,461	61,534	Bachelor's degree	
15-1071	Network and Computer Systems Administrators Network Systems and Data Communications	170	220	60	10	0	10	53,574	16.84	35,022	35.13	73,065	56,090	Bachelor's degree	Cert. Avail.
15-1081	Analysts	120	160	40	0	0	10	45,846	16.00	33,275	36.17	75,242	55,026	Bachelor's degree	
	Computer Specialists, All Other	110			0	0		62,339				90,084		Postsecondary voc.	
	Architects, Except Landscape and Naval	100			0	0		67,769				95,705		Bachelor's degree	Lic. Req.
	Surveyors	170			0			41,892				69,107		Bachelor's degree	Lic. Req.
	Civil Engineers	180	200		0			68,260				103,665		Bachelor's degree	Lic. Req.
	Electrical Engineers Health and Safety Engineers, Except Mining	70			0			83,453				112,871		Bachelor's degree	Lic. Req.
	Safety Engineers and Inspectors	20	30		0	0	0	62,919				84,560		Bachelor's degree	n
	Industrial Engineers Mechanical Engineers	160 100	140 100		0	0		74,625 85,999				101,867 116,555		Bachelor's degree Bachelor's degree	Lic. Req. Lic. Req.
	Petroleum Engineers	120	150		0		10	97,785				137,315		Bachelor's degree	Lic. Req.
	Engineers, All Other	110	120		0	0	10	76,295				118,697		Bachelor's degree	Lic. Req.
	Architectural and Civil Drafters	140	130		0	0		41,010				61,088		Postsecondary voc.	Cert. Avail.
	Mechanical Drafters	50	50		0	0	C	40,450				60,692		Postsecondary voc.	Cert. Avail.
	Drafters, All Other	130	140		0	0		37,848				54,134		Postsecondary voc.	CCIT. I I VIIII.
	Civil Engineering Technicians Electrical and Electronic Engineering	250	260		0	10	10	44,534				65,429		Associate degree	
17-3023	Technicians	180	200	20	0	0	10	51,987	16.40	34,115	34.51	71,779	53,027	Associate degree	Lic. Req.
	Industrial Engineering Technicians Engineering Technicians, Except Drafters, All	70	80		0		C	46,416			29.30	60,954		Associate degree	
17-3029		210			0		10	57,477				75,856		Associate degree	
	Surveying and Mapping Technicians	220	240		0		10	28,100				42,175		Modterm Tng. & Exp.	
19-1032	Foresters Environmental Scientists and Specialists,	70	50	0	0	0	C	61,936	21.46	44,629	36.20	75,296	58,257	Bachelor's degree	
19-2041	Including Health Geoscientists, Except Hydrologists and	80	90	10	0	0	C	46,029	12.76	26,543	31.94	66,432	59,260	Bachelor's degree	
19-2042	Geographers	90	100	20	0	0	C	71,372	17.97	37,372	64.13	133,393	87,497	Bachelor's degree	
19-3021	Market Research Analysts	40	40	0	0	0	0	36,429	10.65	22,159	30.05	62,508	45,009	Bachelor's degree	
	Clinical, Counseling, and School Psychologists	40			0		C	96,683				>166,400		Master's degree	
	Psychologists, All Other	30			0		C	89,135				110,040		Master's degree	Lic. Req.
	Social Scientists and Related Workers, All Other Forest and Conservation Technicians	30	40		0	0	0	65,266 43,953				89,941		Master's degree	
	Substance Abuse and Behavioral Disorder Counselors	60 90	60 120		0		10	32,962			24.89	56,618 51,773		Associate degree Master's degree	Lic. Req.
														_	Lic. Req.
	Educational, Vocational, and School Counselors	680	730		10						31.48	65,482		Bachelor's degree	I'm Dec
	Mental Health Counselors	220	260		0			32,112				48,952		Master's degree	Lic. Req.
	Rehabilitation Counselors Counselors, All Other	200 170	240 180		0			43,561 39,212				56,531 55,894		Master's degree Master's degree	Lic. Req.
	Child, Family, and School Social Workers	360	380		0			47,323				73,447		Bachelor's degree	Lic. Req.
	Medical and Public Health Social Workers Mental Health and Substance Abuse Social	120	160		0	0		41,804				60,845		Bachelor's degree	Lic. Req.
21-1023	Workers	240	280	40	0	10	10	42,082	14.96	31,122	26.11	54,303	40,527	Master's degree	
21-1029	Social Workers, All Other	80	100	20	0	0	C	59,468		37,418	36.72	76,372		Bachelor's degree	
21-1091	Health Educators Probation Officers and Correctional Treatment	40	50		0	0	C	47,682				80,226		Master's degree	
	Specialists Social and Human Service Assistants	230 920	260 1,060		0 10	0 10	10 30	37,894 29,834				61,745 52,024		Bachelor's degree Modterm Tng. & Exp.	
21-1099	Community and Social Service Specialists, All Other	370	470	90	10	0	10	38,444	8.22	17,101	30.73	63,910	33,276	Bachelor's degree	
21-2011	Clergy	30	40	10	0	-		43,976		15,760	30.26	62,942	41,501	Master's degree	
23-1011	Lawyers	1,230	1,320		10							>166,400		First professional degree	Lic. Req.
	Paralegals and Legal Assistants	430	480	50	10		10	44,313				70,690		Associate degree	
	Court Reporters	50	70		0			41,683				70,470		Postsecondary voc.	Lic. Req.
	Law Clerks	70	70 80		0			42,495			31.26	65,012		Bachelor's degree	
25-1011	Business Teachers, Postsecondary	60	80	10	0	0	0	58,695	NA	15,462	NA	93,376	57,133	Doctoral degree	

RLMA 7: Bossier, Bienville, Caddo, Claiborne, Desoto, Lincoln, Natchitoches, Sabine, Red River, Webster

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Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
25 1021		20	40					51.055	10% 10		10% 12	102 (16	(2.10)		
25-1021	Computer Science Teachers, Postsecondary	30	40	10	0	0	0	51,375	NA	14,739	NA	102,616	62,186	Doctoral degree	
25-1022	Mathematical Science Teachers, Postsecondary	100	120	20	0	0	0	46,355	NA	14,888	NA	80,033	52,868	Doctoral degree	
	Biological Science Teachers, Postsecondary	90	100	20	0	0	0	35,867	NA	14,457	NA	62,426		Doctoral degree	
	Economics Teachers, Postsecondary	20		0	0	0	0	81,167	NA	55,602		120,717		Doctoral degree	
	Psychology Teachers, Postsecondary	40	40	10	0		0	37,524	NA	14,517	NA	58,876		Doctoral degree	
25-10/1	Health Specialties Teachers, Postsecondary	60	70	10	0	0	0	47,593	NA	15,611	NA	70,921	55,805	Doctoral degree	
25-1072	Nursing Instructors and Teachers, Postsecondary	260	310	50	10	0	10	54,592	NA	39,739	NA	71,717	59,305	Master's degree	
	Education Teachers, Postsecondary	80	100	20	0		0	51,805	NA	14,823	NA	86,611	58,162	Doctoral degree	
	Art, Drama, and Music Teachers, Postsecondary	80 50	100 60	20 10	0	0	0	42,364	NA	14,914	NA	64,335	50,236	Doctoral degree	
25-1122	Communications Teachers, Postsecondary English Language and Literature Teachers,	50	00	10	0	0	U	36,332	NA	14,449	NA	63,920	46,680	Doctoral degree	
25-1123	Postsecondary	100	120	20	0	0	0	45,959	NA	15,130	NA	68,397	52,675	Doctoral degree	
25-1125	History Teachers, Postsecondary	40	50	10	0	0	0	46,807	NA	15,644	NA	64,489	53,034	Doctoral degree	
	Recreation and Fitness Studies Teachers,				_										
	Postsecondary	50 120	60 140	10 20	0		0	38,779 41,959	NA 7.17	14,484 14,922	NA 32.43	66,053 67,461	50,957 59,723	Master's degree	Cont. Assoil
	Vocational Education Teachers, Postsecondary Preschool Teachers, Except Special Education	340	420	80	10		10	22,307	6.88	14,922		39,613	21,691	Work Exp. in a related occ. Bachelor's degree	Cert. Avail. Cert. Avail.
								,		,		,	,		
25-2012	Kindergarten Teachers, Except Special Education	350	400	50	10	10	10	40,173	NA	24,187	NA	53,949	44,476	Bachelor's degree	Cert. Avail.
25-2021	Elementary School Teachers, Except Special Education	3,850	4,230	390	40	80	120	45,714	NA	35,718	NA	57,738	44,622	Bachelor's degree	Lic. Req.
23-2021	Middle School Teachers, Except Special and	3,630	4,230	390	40	80	120	43,/14	INA	33,716	INA	31,136	44,022	Bactietot s degree	Lic. Req.
25-2022	Vocational Education	70	80	10	0	0	0	43,465	NA	28,127	NA	56,613	45,818	Bachelor's degree	
25-2023	Vocational Education Teachers, Middle School	90	80	0	0	0	0	45,437	NA	35,770	NA	56,695	45,742	Wk Exp.+ Bachelor's or higher degree	
	Secondary School Teachers, Except Special and														
25-2031	Vocational Education Vocational Education Teachers, Secondary	1,740	1,790	50	10	50	60	47,016	NA	36,107	NA	59,711	46,159	Bachelor's degree	Lic. Req.
25-2032		160	150	0	0	10	10	48,148	NA	38,252	NA	60,941	48,615	Bachelor's degree	
	Special Education Teachers, Preschool,												-,-		
	Kindergarten, and Elementary School	150	170	20	0	0	10	44,621	NA	35,541	NA	56,210		Bachelor's degree	Cert. Avail.
25-2043	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, and GED	1,020	1,080	50	10	20	30	48,055	NA	37,576	NA	60,372	46,290	Bachelor's degree	Cert. Avail.
25-3011	Teachers and Instructors	80	90	20	0	0	0	36,668	7.15	14,867	29.33	60,997	37,658	Bachelor's degree	
	Self-Enrichment Education Teachers	370	440	70	10		10	36,959	7.29	15,162	25.80	53,674	40,531	Work Exp. in a related occ.	
	Teachers and Instructors, All Other	940	1,000	70	10		20	57,145	NA	20,747	NA	94,578	47,340	Bachelor's degree	
	Librarians	340	330	0	0		10	49,828	17.77	36,969	30.66	63,763	48,201	Master's degree	Lic. Req.
	Library Technicians Instructional Coordinators	240 250	280 300	30 50	0 10		20 10	25,495 49,396	7.80 12.97	16,225 26,981	17.21 34.96	35,796 72,717	25,866 48,032	Short-term Tng. & Exp. Master's degree	
	Teacher Assistants	2,480	2,630	150	20	40	60	17,511	12.97 NA	14,270	34.90 NA	21,807	17,990	Short-term Tng. & Exp.	Cert. Avail.
	Education, Training, and Library Workers, All	_,	_,					,		,			,	g	
25-9099		90	110	10	0		0	45,391	13.46		31.58	65,696	43,772	Bachelor's degree	Lic. Req.
	Commercial and Industrial Designers	50	50	0	0	0	0	55,647	12.27	25,523	41.26	85,827	73,134	Bachelor's degree	
	Floral Designers Graphic Designers	210 190		20	0	10 10	10	22,068 33,091	8.24 11.06	17,139 22,998	14.04 21.49	29,194 44,694	23,044 36,606	Modterm Tng. & Exp. Bachelor's degree	
27-1024	Graphic Designers	170	170	·		10	10	33,071	11.00	22,770	21.47	44,024	50,000	Dachelor's degree	
	Merchandise Displayers and Window Trimmers	50	40	0	0		0	32,193	11.38	23,668	19.00	39,517	27,381	Modterm Tng. & Exp.	
	Producers and Directors	60	60	0	0		0	34,328	10.41	21,653	25.77	53,600		Wk Exp.+ Bachelor's or higher degree	
	Coaches and Scouts	700 90	760 40	50	10		20	39,108	NA	19,947	NA	62,324	41,262	Long-term Tng. & Exp.	
	Musicians and Singers Reporters and Correspondents	100	100	0	0	0	0	NA 42,804	NA 12.28	NA 25,551	NA 36.26	NA 75,425	NA 46,441	Long-term Tng. & Exp. Bachelor's degree	
	Public Relations Specialists	230	240	10	0	0	0	43,951	13.87	28,854	28.02	58,277	47,997	Bachelor's degree	
27-3041	Editors	100	80	0	0	0	0	37,127	9.94	20,678	28.58	59,454	42,144	Bachelor's degree	
	Broadcast Technicians	80	90	0	0	0	0	32,401	10.28	21,391	22.58	46,977	30,351	Postsecondary voc.	
	Photographers Chiropractors	230 40	210 50	0	0	10 0	10	30,508 66,892	8.48 16.98	17,648 35,320	23.28 52.11	48,427 108,397	27,587 73,183	Long-term Tng. & Exp. First professional degree	Lic. Req.
	Dentists, General	120	120	10	0	0	0	127,121	28.57	59,424		>166,400		First professional degree	Lic. Req.
	Dietitians and Nutritionists	280	300	30	0	10	10	35,963	8.69	18,084	30.44	63,325	45,081	Bachelor's degree	Lic. Req.
29-1041	Optometrists	30	30	0	0	0	0	93,997	29.34	61,029		>166,400		First professional degree	Lic. Req.
	Pharmacists	550	670	120	10		20	105,173	36.63	76,191	69.30	144,141	102,448	First professional degree	Lic. Req.
	Anesthesiologists Family and General Practitioners	120 230	140 280	20 50	0 10	0	10	161,983 197,195	54.68 56.19	113,739 116,869		>166,400 >166,400		First professional degree First professional degree	Lic. Req. Lic. Req.
	Internists, General	150	170	20	0	0	10	145,013	38.41	79,898		>166,400		First professional degree	Lic. Req.
29-1065	Pediatricians, General	50	60	10	0	0	0	114,455	32.67	67,951	>80.00	>166,400	140,853	First professional degree	Lic. Req.
29-1069	Physicians and Surgeons, All Other	420	510	90	10	10	20	196,995	60.01	124,820	>80.00	>166,400	190,503	First professional degree	Lic. Req.

RLMA 7: Bossier, Bienville, Caddo, Claiborne, Desoto, Lincoln, Natchitoches, Sabine, Red River, Webster

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								2010	RLMA 1	2010 RLMA 1	RLMA 1	2010 RLMA	2010 State		
Occupa- tional	Occupational Title ²	2008	2018	10 Year	Annual New	Annual Replace-	Annual Total	RLMA 1 Annual	Hourly Avg.	Annual	Hourly Avg.	1 Annual Avg. Wage -	Annual	Most Significant Source of	Occupational License
Code 1	Occupational Title	Estimate 3	Projected 4	Growth 5	Growth 6	ment 7	Openings 8	Average	Wage -	Avg. Wage -	Wage -	Highest	Average	Education or Training ¹⁵	Required 16
								Wage 9	Lowest	Lowest 10% 11	Highest	10% 13	Wage 14		1
29-1071	Physician Assistants	130	190	70	10	0	10	69,564	10% 10 14.74		10% ¹² 43.26	89,971	70,321	Bachelor's degree	Lic. Req.
	Registered Nurses	5,680	7,100		140	90	240	59,200	19.96	41,521	39.14	81,405	60,721	Associate degree	Lic. Req.
	Occupational Therapists	280	350	70	10	0	10	69,274			45.16	93,925	70,945	Bachelor's degree	Lic. Req.
	Physical Therapists	390			10		20	82,857			55.04	114,479		Master's degree	Lic. Req.
	Recreational Therapists Respiratory Therapists	60 310	60 410		0 10	0 10	10	36,803 48,429			27.08 29.87	56,321 62,134	39,692 48,767	Bachelor's degree Associate degree	Lic. Req.
	Speech-Language Pathologists	110			0		10	68,760			56.90	118,356		Master's degree	Lic. Req.
	Therapists, All Other	50			0		0	54,749			34.14	71,018		First professional degree	Lic. Req.
29-1131	Veterinarians	60	70	10	0	0	0	71,949	20.85	43,366	73.12	152,092	81,885	First professional degree	Lic. Req.
	Medical and Clinical Laboratory Technologists	590			10		20	46,413			31.35	65,218		Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	500			10		20	29,876			20.17	41,949		Associate degree	
	Dental Hygienists	220			10		10	55,509			40.01	83,230		Associate degree	Lic. Req.
	Cardiovascular Technologists and Technicians Diagnostic Medical Sonographers	170 110			10 0		10	41,110 59,009			34.25 40.09	71,241 83,379	39,186 58,984	Associate degree Associate degree	
	Nuclear Medicine Technologists	40			0		0	61,218			35.83	74,535	62,804	Associate degree	
	Radiologic Technologists and Technicians	580			10		20	44,343			28.56	59,406	47,836	Associate degree	Lic. Req.
20.2041		210	200	70				21.661	0.66	10.000	22.01	15.615	22.704	B	
	Emergency Medical Technicians and Paramedics	310 570			10 20		10 40	31,661 27,302			22.91 17.51	47,647 36,420	33,706 27,344	Postsecondary voc.	Lic. Req.
	Pharmacy Technicians Respiratory Therapy Technicians	80	80		0		0	45,165			27.42	57,028	45,424	Modterm Tng. & Exp. Postsecondary voc.	Lic. Req.
	Surgical Technologists	180			10		10	30,616			19.45	40,465	37,644	Postsecondary voc.	
	Licensed Practical and Licensed Vocational													•	
29-2061	Nurses Medical Records and Health Information	2,830	3,450	620	60	80	140	36,229	13.22	27,505	22.08	45,930	37,564	Postsecondary voc.	Lic. Req.
29-2071	Technicians	400	470	70	10	10	20	24,702	7.11	14,785	19.13	39,794	28,555	Associate degree	Cert. Avail.
	Opticians, Dispensing	50			0		0	37,469			28.14	58,534	29,866	Long-term Tng. & Exp.	CCIT. TTTAIN
	Health Technologists and Technicians, All Other	90			0		0	35,535			26.14	54,364	35,561	Long-term Tng. & Exp.	Lic. Req.
29-9011	Occupational Health and Safety Specialists Healthcare Practitioners and Technical Workers,	60	60	0	0	0	0	66,901	18.40	38,272	47.59	98,987	65,011	Bachelor's degree	
29-9099	All Other	110	130	20	0	0	0	26,655	8.08	16,804	23.56	49,004	36,868	Bachelor's degree	Lic. Req.
	Home Health Aides	1,360			70		80	18,084			11.20	23,288	18,934	Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	4,460			90		130	18,492	6.96	14,486	11.70	24,340		Short-term Tng. & Exp.	Lic. Req.
31-1013	Psychiatric Aides	320			0		0	20,678			12.39	25,777	22,987	Short-term Tng. & Exp.	
	Occupational Therapist Assistants	40	40		0		0	46,768			30.45	63,340		Associate degree	
	Occupational Therapist Aides	20			0		0	32,744			27.89	58,018	28,591	Short-term Tng. & Exp.	
	Physical Therapist Assistants Physical Therapist Aides	180 130			10		10	40,577 24,768			28.74 18.32	59,771 38,107	42,071 22,287	Associate degree Short-term Tng. & Exp.	Lic. Req. Lic. Req.
	Massage Therapists	140			0		0	38,417			44.47	92,496		Postsecondary voc.	Lic. Req.
	Dental Assistants	400			10		20	32,008			21.23	44,162		Modterm Tng. & Exp.	
31-9092	Medical Assistants	640	840	210	20	10	30	25,241	9.11	18,950	15.55	32,347	25,506	Modterm Tng. & Exp.	Cert. Avail.
	Medical Equipment Preparers	50			0	0	0	24,885			15.21	31,646		Short-term Tng. & Exp.	
	Medical Transcriptionists	240			0	0	10	31,111			21.26	44,212		Postsecondary voc.	
31-9095	Pharmacy Aides Veterinary Assistants and Laboratory Animal	190	170	0	0	0	0	23,265	9.46	19,670	14.06	29,252	21,416	Short-term Tng. & Exp.	
31-9096	Caretakers	240	240	0	0	0	0	18,516	6.80	14,154	16.16	33,622	22,780	Short-term Tng. & Exp.	
	Healthcare Support Workers, All Other	310			10		10	25,574			20.01	41,621	25,805	Short-term Tng. & Exp.	Lic. Req.
	First-Line Supervisors/Managers of Correctional														
33-1011		160	180	30	0	0	10	53,465	18.93	39,376	34.16	71,046	55,005	Work Exp. in a related occ.	
33-1012	First-Line Supervisors/Managers of Police and Detectives	390	450	60	10	10	20	60,331	17.33	36,037	42.89	89,221	61,419	Work Exp. in a related occ.	
33-1012	First-Line Supervisors/Managers of Fire Fighting	370	450	00	10	10	20	00,551	17.55	50,057	42.07	07,221	01,417	Work Exp. in a related occ.	
33-1021	and Prevention Workers	350	410	50	10	10	20	59,455	11.84	24,632	35.92	74,721	50,559	Work Exp. in a related occ.	
22 1000	First-Line Supervisors/Managers, Protective		100					20.600		26.520	20.10	50.444			
	Service Workers, All Other Fire Fighters	90 870			0 10		50	38,600 36,006			28.10 26.63	58,444 55,392	41,767 31,672	Work Exp. in a related occ. Long-term Tng. & Exp.	
33-3011		50	60		0		0	42,624			27.75	57,729	30,578	Modterm Tng. & Exp.	
	Correctional Officers and Jailers	970			20		40	38,666			25.11	52,237	35,604	Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	230			10		10	56,489			42.50	88,399	51,834	Work Exp. in a related occ.	
33-3051	Police and Sheriff's Patrol Officers	1,390	1,610	220	20	40	60	40,210	10.58	22,008	27.69	57,605	37,721	Long-term Tng. & Exp.	
22.0021	Gaming Surveillance Officers and Gaming	150	200	50	10		10	20.817	11.20	22.402	10.49	40.511	20.107	Mad town Too & F	
	Investigators Security Guards	150 1,980			10 20		10 60	29,817 22,716			19.48 16.58	40,511 34,482	30,107 23,449	Modterm Tng. & Exp.	Lic. Req.
	Crossing Guards	1,980			20		00	23,144			15.09	31,391	20,753	Short-term Tng. & Exp. Short-term Tng. & Exp.	Lic. Req.
>0>1	Lifeguards, Ski Patrol, and Other Recreational	150	. 10	Ŭ		Ü	0]	7.54	10,207	15.07	51,571	_3,,33	11g. & 2Ap.	
	Protective Service Workers	140	150		0	10	10	17,481			9.49	19,737	17,732	Short-term Tng. & Exp.	
33-9099	Protective Service Workers, All Other	110	120	20	0	10	10	25,765	8.24	17,140	18.39	38,242	34,858	Short-term Tng. & Exp.	

									,						
Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
25 1011	Chefs and Head Cooks	330	360	20	0	0	10	41,881	10% 10		29.78	61,951	37,973	Destaces domina	
35-1011	First-Line Supervisors/Managers of Food	330	360	30	0	0	10	41,881	12.44	25,881	29.78	61,951	37,973	Postsecondary voc.	
35-1012	Preparation and Serving Workers	1,780	2,050	270	30	10	40	27,041	8.51	17,694	18.42	38,310	28,307	Work Exp. in a related occ.	
	Cooks, Fast Food	1,600		270	30		70	16,331	6.81			19,264	16,156	Short-term Tng. & Exp.	
	Cooks, Institution and Cafeteria	1,850		120	10		60	17,539	6.85		10.76	22,388	18,044	Long-term Tng. & Exp.	
	Cooks, Restaurant	1,550		290	30		70	21,294	7.27			30,214	21,236	Long-term Tng. & Exp.	
35-2015	Cooks, Short Order	620	670	50	10	20	20	16,387	6.80	14,147	9.55	19,867	17,567	Short-term Tng. & Exp.	
	Cooks, All Other	50		0	0		0	18,177	6.99			23,304	19,438	Modterm Tng. & Exp.	
	Food Preparation Workers	3,070		620	60		170	16,642	6.80			20,001	16,937	Short-term Tng. & Exp.	
35-3011	Bartenders	720	800	80	10	30	30	18,122	6.86	14,267	10.87	22,616	17,069	Short-term Tng. & Exp.	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food Counter Attendants, Cafeteria, Food Concession,	2,560	3,240	680	70	50	120	16,429	6.80	14,149	9.30	19,343	16,638	Short-term Tng. & Exp.	
35-3022	and Coffee Shop	490	490	0	0	30	30	17,169	6.88	14,308	10.47	21,785	17,195	Short-term Tng. & Exp.	
	Waiters and Waitresses	4,120	4,800	680	70	220	290	18,422	6.82		11.79	24,528	17,847	Short-term Tng. & Exp.	
35-3041	Food Servers, Nonrestaurant	200	210	10	0	0	0	16,546	6.84	14,221	9.39	19,541	18,233	Short-term Tng. & Exp.	
	Dining Room and Cafeteria Attendants and														
	Bartender Helpers	820		100	10		40	16,436	6.82		9.54	19,846	16,927	Short-term Tng. & Exp.	
35-9021	Dishwashers	770	900	130	10	30	50	16,218	6.79	14,131	9.20	19,127	16,289	Short-term Tng. & Exp.	
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop First-Line Supervisors/Managers of	540	630	90	10	40	50	16,556	6.83	14,207	9.68	20,129	17,131	Short-term Tng. & Exp.	
37-1011	Housekeeping and Janitorial Workers	500	530	30	0	10	10	28,860	8.17	16,987	21.44	44,593	30,005	Work Exp. in a related occ.	Cert. Avail.
	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	240	250	20	0	0	0	38,641	10.61	22,060	30.29	63,001	34,298	Work Exp. in a related occ.	
	Janitors and Cleaners, Except Maids and					-		,		,			,		
37-2011	Housekeeping Cleaners	5,480	5,980	500	50	110	160	18,515	6.89	14,334	11.84	24,635	19,599	Short-term Tng. & Exp.	
	Maids and Housekeeping Cleaners	2,260		140	10		60	16,890	6.83			21,207	17,810	Short-term Tng. & Exp.	
	Pest Control Workers	190		10	0	10	10	25,463	8.55			32,910		Modterm Tng. & Exp.	
	Landscaping and Groundskeeping Workers	1,550		100	10		30	19,940	7.06			28,610		Short-term Tng. & Exp.	Cert. Avail.
	Gaming Supervisors	540		80	10		20	41,764	12.52			56,223	46,113	Postsecondary voc.	
39-1012	Slot Key Persons	330	300	0	0	10	10	22,250	7.09	14,754	17.47	36,333	24,780	Postsecondary voc.	
20 1021	First-Line Supervisors/Managers of Personal Service Workers	600	620	20	0	10	20	31,730	8.93	18,581	21.89	45,527	34,952	Work Exp. in a related occ.	
	Nonfarm Animal Caretakers	240		10	0	0	10	20,685	7.02		14.26	29,665	21,845	Short-term Tng. & Exp.	
	Gaming Dealers	1,090		0	0		20	20,388	6.89		16.54	34,396		Postsecondary voc.	
	Ushers, Lobby Attendants, and Ticket Takers	350		0	0		20	19,835	7.88			28,501	18,336	Short-term Tng. & Exp.	
	Amusement and Recreation Attendants	160		0	0		10	17,777	6.82			28,447	17,785	Short-term Tng. & Exp.	
	Entertainment Attendants and Related Workers,														
	All Other	140		30	0		10	20,687	7.07			27,072		Modterm Tng. & Exp.	
	Embalmers	30		0	0		0	41,061	15.31			50,076		Postsecondary voc.	
	Funeral Attendants	60		10	0		0	21,304	7.83			24,880		Short-term Tng. & Exp.	
	Hairdressers, Hairstylists, and Cosmetologists	600	670	70 20	10		10	23,009	7.60			32,847	26,355	Postsecondary voc.	Lic. Req.
	Baggage Porters and Bellhops Child Care Workers	130 1.720		20 310	0 30		80	16,389 18,058	6.81			19,097 23,562	21,229 18,186	Short-term Tng. & Exp. Short-term Tng. & Exp.	Cert. Avail.
	Personal and Home Care Aides	1,720		690	70		100	18,038	6.90			23,072		Short-term Tng. & Exp. Short-term Tng. & Exp.	Cert. Avail.
	Fitness Trainers and Aerobics Instructors	160		0,0	0		0	20,776	7.06			33,766		Postsecondary voc.	CCIT. Avail.
	Recreation Workers	410		50	10		10	23,279	7.44			33,975	22,897	Short-term Tng. & Exp.	
	Personal Care and Service Workers, All Other First-Line Supervisors/Managers of Retail Sales	280		0	0		10	16,466				19,680	18,604	Modterm Tng. & Exp.	
41-1011	Workers First-Line Supervisors/Managers of Non-Retail	3,700	3,980	270	30	80	110	35,525	10.39	21,606	24.33	50,599	34,002	Work Exp. in a related occ.	
	Sales Workers	540		0	0	10	10	51,488			42.59	88,579	56,264	Work Exp. in a related occ.	
	Cashiers	9,160		90	10		450	16,489	6.73			19,688	16,729	Short-term Tng. & Exp.	
	Gaming Change Persons and Booth Cashiers	200		. 0	0	10	10	22,107	7.39			29,326		Short-term Tng. & Exp.	
	Counter and Rental Clerks	700 480		120	10	30 10	40 10	23,241 25,883	7.02 7.33			37,420		Short-term Tng. & Exp.	
	Parts Salespersons Retail Salespersons	7,800		1,030	100	240	340	25,883	7.33 6.97			37,440 36,436		Modterm Tng. & Exp. Short-term Tng. & Exp.	
	Advertising Sales Agents	190		1,030	100	240	540 n	29,969	9.69			30,430 47,540		Modterm Tng. & Exp.	
	Insurance Sales Agents Securities, Commodities, and Financial Services	1,140		40	0		30	40,636				60,075	44,901	Bachelor's degree	
41-3031	Sales Agents	190	210	20	0	10	10	62,710	12.08	25,118	59.37	123,494	72,964	Bachelor's degree	
	Travel Agents	110		0	0	0	0	26,822	8.36			43,958	25,961	Postsecondary voc.	
41-3099	Sales Representatives, Services, All Other	440	500	60	10	10	20	47,902	11.14	23,174	38.27	79,596	45,050	Modterm Tng. & Exp.	

									2010	2010	2010				
								2010	RLMA 1	RLMA 1	RLMA 1	2010 RLMA	2010 State		
Occupa-		2008	2018	10 Year	Annual	Annual	Annual	RLMA 1	Hourly	Annual	Hourly	1 Annual	Annual	Most Significant Source of	Occupational
tional	Occupational Title ²	Estimate ³	Projected 4	Growth 5	New	Replace-	Total	Annual	Avg.	Avg. Wage	Avg.	Avg. Wage -	Average	Education or Training ¹⁵	License
Code 1		Estimate	Trojecteu	Growth	Growth 6	ment 7	Openings 8	Average	Wage -	Lowest	Wage -	Highest	Wage 14	Education of Training	Required 16
								Wage 9	Lowest	10% 11	Highest	10% 13	uge		
<u> </u>									$10\%^{-10}$		10% 12		L		
	Sales Representatives, Wholesale and														
41-4011	Manufacturing, Technical and Scientific Products	440	510	70	10	10	20	83,248	18.26	37,986	66.32	137,952	65,875	Modterm Tng. & Exp.	
	Sales Representatives, Wholesale and							,					,	3	
	Manufacturing, Except Technical and Scientific														
41-4012	Products	2,400	2,510	110	10	50	60	52,348	12.36	25,707	39.93	83,046	52,664	Modterm Tng. & Exp.	
	Real Estate Sales Agents	620	630	10	0	10	10	38,959		23,868	28.06	58,360	37,705	Postsecondary voc.	Lic. Req.
41-9099	Sales and Related Workers, All Other	110	120	10	0	0	0	36,987	10.93	22,729	26.36	54,824	36,634	Modterm Tng. & Exp.	Lic. Req.
	First-Line Supervisors/Managers of Office and														
43-1011	Administrative Support Workers	3,080	3,150	60	10	60	70	40,287	11.48	23,884	29.76	61,900	40,655	Work Exp. in a related occ.	
12 2011	Switchboard Operators, Including Answering	500	460					20.256		11061	12.01	26.712	22.564		
43-2011		530	460 620	70	0 10		10 20	20,356		14,864	12.84 17.36	26,713	22,564	Short-term Tng. & Exp.	
43-3011	Bill and Account Collectors Billing and Posting Clerks and Machine	550	620	/0	10	10	20	27,179	9.93	20,663	17.30	36,104	29,690	Short-term Tng. & Exp.	
43-3021	Operators	840	850	10	0	10	10	27,775	7.82	16,268	20.60	42,858	28,147	Short-term Tng. & Exp.	
	Bookkeeping, Accounting, and Auditing Clerks	3,490	3,730	240	20		80	30,724				44,412		Modterm Tng. & Exp.	
	Gaming Cage Workers	210	210	0	0		10	21.736		15,596	13.70	28,504	22,983	Short-term Tng. & Exp.	Lic. Req
	Payroll and Timekeeping Clerks	390	390	0	0		10	34,038		24,166	21.66	45,060	31,966	Short-term Tng. & Exp.	
	Procurement Clerks	70	80	10	0	0	0	33,339		19,748	22.54	46,881	34,954	Short-term Tng. & Exp.	
43-3071		1,270	1,320	50	10	60	60			16,546	12.88	26,784	21,791	Short-term Tng. & Exp.	
43-4031	Court, Municipal, and License Clerks	260	300	40	0	10	10	27,864	9.67	20,107	18.23	37,919	30,774	Short-term Tng. & Exp.	
43-4041	Credit Authorizers, Checkers, and Clerks	120	100	0	0	0	0	21,758	7.94	16,520	12.81	26,654	24,237	Short-term Tng. & Exp.	
	Customer Service Representatives	3,930	4,890	950	100	110	210			18,469	17.27	35,914	27,131	Modterm Tng. & Exp.	
	File Clerks	350	210	0	0		10	20,442		14,611	14.29	29,721	20,949	Short-term Tng. & Exp.	
	Hotel, Motel, and Resort Desk Clerks	490	510	20		20	20			14,512	11.88	24,720	20,956	Short-term Tng. & Exp.	
	Interviewers, Except Eligibility and Loan	410	490	80	10		20			17,084	15.80	32,857	25,460	Short-term Tng. & Exp.	
	Library Assistants, Clerical	160	180	20		10	10			14,564	15.37	31,971	21,598	Short-term Tng. & Exp.	
	Loan Interviewers and Clerks	240	210	0	0	0	0	25,181		17,069	16.91	35,166	28,351	Short-term Tng. & Exp.	
	New Accounts Clerks	70	60	0	0	0	0	27,010		21,045	15.69	32,628	26,500	Work Exp. in a related occ.	
43-4151	Order Clerks Human Resources Assistants, Except Payroll and	220	150	0	0	10	10	28,213	7.68	15,979	21.19	44,073	27,387	Short-term Tng. & Exp.	
42 4161	Timekeeping	190	210	20	0	0	0	33,528	10.16	21,126	22.43	46,649	33,521	Short-term Tng. & Exp.	
	Receptionists and Information Clerks	2,260	2,450	190	20		70	20,917		14,797	13.95	29,025	21,571	Short-term Tng. & Exp. Short-term Tng. & Exp.	Cert. Avail.
	Information and Record Clerks, All Other	330	320	0	0		10	32,132		18,728	21.56	44,852	30,762	Short-term Tng. & Exp.	CCIT. TIVAII.
	Couriers and Messengers	240	220	0	0	10	10	19,974		15,200	13.11	27,271	21,938	Short-term Tng. & Exp.	
	Police, Fire, and Ambulance Dispatchers	190	220	30	0	10	10	26,814		17,469	19.88	41,351	26,752	Modterm Tng. & Exp.	
	•														
43-5032	Dispatchers, Except Police, Fire, and Ambulance	450	460	0	0	10	10	37,224	10.83	22,518	24.52	51,000	33,250	Modterm Tng. & Exp.	
43-5041	Meter Readers, Utilities	310	300	0	0	10	10	25,562	8.07	16,786	16.48	34,282	29,405	Short-term Tng. & Exp.	
	Production, Planning, and Expediting Clerks	260	260	10	0		10	41,368		19,233	27.99	58,209	42,143	Short-term Tng. & Exp.	
	Shipping, Receiving, and Traffic Clerks	820	810	0	0	20	20	28,055		15,834	19.69	40,960	28,574	Short-term Tng. & Exp.	
43-5081	Stock Clerks and Order Fillers	2,660	2,480	0	0	60	60	19,994	7.02	14,603	13.91	28,936	21,474	Short-term Tng. & Exp.	
40.5111	Weighers, Measurers, Checkers, and Samplers,							20.501			22.12	46.000	20.126		
43-5111	Recordkeeping	110	80	0	0	0	0	27,571	7.31	15,197	22.12	46,002	29,126	Short-term Tng. & Exp.	Lic. Req.
42 6011	Executive Secretaries and Administrative Assistants	2,020	2,190	170	20	30	50	34,931	11.34	23,589	23.52	48,915	35,801	Mad town Too & For	Cert. Avail.
	Legal Secretaries	380	380	170	0	10	10	31,923		22,407	21.24	44,178		Modterm Tng. & Exp. Postsecondary voc.	Cert. Avaii.
	Medical Secretaries	250	310	70			10	24,127		17,360		32,042	25,548	Postsecondary voc.	
15 0015	Secretaries, Except Legal, Medical, and	250	510	,,,	10		10	21,127	0.55	17,500	15.10	52,012	20,010	1 osisecondary voc.	
43-6014	Executive	4,780	4,580	0	0	80	80	25,789	8.03	16,700	17.51	36,425	26,634	Modterm Tng. & Exp.	Cert. Avail.
	Computer Operators	130	90	0	0	0	0	31,720		19,346		45,676		Modterm Tng. & Exp.	
	Data Entry Keyers	270	240	0	0		10	25,180		17,981	16.83	34,999	25,400	Modterm Tng. & Exp.	
43-9022	Word Processors and Typists	60	60	0	0	0	0	29,654	11.33	23,565	18.03	37,495	29,563	Modterm Tng. & Exp.	
43-9041	Insurance Claims and Policy Processing Clerks	220	210	0	0	0	0	32,475	11.75	24,432	20.98	43,646	29,071	Modterm Tng. & Exp.	
	Mail Clerks and Mail Machine Operators, Except														
	Postal Service	70	60	0	0		0	21,407		14,780		33,713	24,292	Short-term Tng. & Exp.	
	Office Clerks, General	4,620	4,960	330	30		120	20,280		14,446	14.49	30,132	21,555	Short-term Tng. & Exp.	
43-9071	Office Machine Operators, Except Computer	20	20	0	0	0	0	27,271	8.26	17,191	17.01	35,384	27,823	Short-term Tng. & Exp.	
42.010-	Office and Administrative Support Workers, All	2	25-	_	_			20.2			22.4-		21.027	St	
43-9199		240	230	0	0	10	10	30,248	7.45	15,488	22.49	46,771	31,927	Short-term Tng. & Exp.	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	80	70	0	0	0	0	51,568	15.05	31,309	35.88	74,621	44,440	Modterm Tng. & Exp.	
	Farmworkers, Farm and Ranch Animals	80 370		10	0		10	18,040		31,309 14,168		74,621 25,626		Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Fishers and Related Fishing Workers	710	650	10	0		10	18,040 NA		14,108 NA		25,626 NA	21,048 NA	Modterm Tng. & Exp. Modterm Tng. & Exp.	
	Forest and Conservation Workers	30	40	10			0	NA NA		NA NA	NA NA	NA NA	NA NA	Modterm Tng. & Exp.	
	Logging Equipment Operators	910	520	0			20			22,211	19.26	40,057	30,898	Modterm Tng. & Exp.	
	co o -1r	,10	520	Ü	•	20	20	27,730	10.00	22,211	20	10,057	,0,0		

								2010	2010	2010	2010	2040 DT 344			
					A		4	2010	RLMA 1	RLMA 1	RLMA 1	2010 RLMA	2010 State		0
Occupa-	0 4 1774 2	2008	2018	10 Year	Annual New	Annual	Annual Total	RLMA 1	Hourly	Annual	Hourly	1 Annual Avg. Wage -	Annual	Most Significant Source of	Occupational
tional Code 1	Occupational Title ²	Estimate ³	Projected 4	Growth 5	Growth 6	Replace- ment ⁷	Openings 8	Annual Average	Avg. Wage -	Avg. Wage -	Avg. Wage -	Highest	Average	Education or Training ¹⁵	License Required 16
Code					Growth	ment	Openings	Wage 9	Lowest	Lowest	Highest	10% 13	Wage 14		Kequirea
								wage	10% 10	10% 11	10% 12	10 /6			
	First-Line Supervisors/Managers of Construction									•					·
	Trades and Extraction Workers	1,420		20	0		20	55,091		32,278	39.28	81,696	56,840	Work Exp. in a related occ.	
	Brickmasons and Blockmasons	210		0	0		10	38,943		26,916		51,234	41,697	Long-term Tng. & Exp.	Cert. Avail.
	Carpenters	2,220		40	0		30			23,175	24.49	50,949	37,217	Long-term Tng. & Exp.	Cert. Avail.
	Carpet Installers Tile and Marble Setters	130 50		0 10	0	0	0	35,887 28,643		26,747 22,604	20.11 17.98	41,834 37,403	37,926 31,789	Modterm Tng. & Exp. Long-term Tng. & Exp.	
	Cement Masons and Concrete Finishers	180		10	0		10	35,461		26,383	21.77	45,277	35,457	Long-term Tng. & Exp.	
	Construction Laborers	2,390		0	0	20	20			17,510		42,884	26,445	Modterm Tng. & Exp.	Cert. Avail.
	Paving, Surfacing, and Tamping Equipment													5 1	
	Operators	40		0	0		0	28,227		22,377	17.18	35,726	33,222	Modterm Tng. & Exp.	
47-2072	Pile-Driver Operators	20	20	0	0	0	0	50,785	14.89	30,969	35.52	73,871	39,460	Modterm Tng. & Exp.	
	Operating Engineers and Other Construction				_										
	Equipment Operators Drywall and Ceiling Tile Installers	1,040 150		0	0	20 0	20	36,790 30,600		25,317 26,348	27.09 18.13	56,345 37,717	37,325 33,049	Modterm Tng. & Exp. Modterm Tng. & Exp.	Cert. Avail.
	Electricians	1,270		0	0	30	30	42,156		27,305	28.10	58,440	43,538	Long-term Tng. & Exp.	Lic. Req.
	Painters, Construction and Maintenance	900		30	0	20	20	32,024		21,259	24.69	51,361	32,941	Modterm Tng. & Exp.	Cert. Avail.
	Plumbers, Pipefitters, and Steamfitters	800		0	0		20	44,583		30,131	30.54	63,533	43,985	Long-term Tng. & Exp.	Lic. Req.
47-2181	Roofers	110	120	10	0	0	0	25,622	9.35	19,453	15.61	32,472	30,984	Modterm Tng. & Exp.	Cert. Avail.
47-2211	Sheet Metal Workers	250	250	0	0	10	10	37,732	10.35	21,525	24.99	51,974	35,518	Modterm Tng. & Exp.	Cert. Avail.
	HelpersBrickmasons, Blockmasons,				_										
	Stonemasons, and Tile and Marble Setters	120 210		0	0		10	24,521 21,331		17,837 16,600	15.16 12.94	31,530 26,924	26,304 23,989	Short-term Tng. & Exp.	
	HelpersCarpenters HelpersElectricians	180		0	0		10	23,882		17,543	15.42	32,064	25,989	Short-term Tng. & Exp. Short-term Tng. & Exp.	
47-3013	HelpersPainters, Paperhangers, Plasterers, and	100	100	U	U	10	10	23,002	0.43	17,545	13.42	32,004	25,955	Short-term ring, & Exp.	
47-3014	Stucco Masons	60	50	0	0	0	0	22,035	9.03	18,777	12.22	25,407	24,489	Short-term Tng. & Exp.	
	HelpersPipelayers, Plumbers, Pipefitters, and														
	Steamfitters	200		0	0	10	10	22,730		17,016		31,266	29,025	Short-term Tng. & Exp.	
	HelpersRoofers	30		0	0		0	19,322				25,527	22,201	Short-term Tng. & Exp.	
	Helpers, Construction Trades, All Other	60		0	0		0	27,533				36,238	26,183	Short-term Tng. & Exp.	Ti. D.
	Construction and Building Inspectors Highway Maintenance Workers	100 180		20 30	0		10	45,921 28,656		30,546 18,849	35.97 19.58	74,827 40,724	50,772 29,810	Work Exp. in a related occ. Modterm Tng. & Exp.	Lic. Req.
	Construction and Related Workers, All Other	50		0	0		0	27,839		15,711	17.85	37,126	29,733	Modterm Tng. & Exp.	
	Derrick Operators, Oil and Gas	190		40	0		10	40,762		29,365	26.50	55,114	45,482	Modterm Tng. & Exp.	
	Roustabouts, Oil and Gas	700	830	130	10	20	30	32,449		22,587	22.57	46,954	31,819	Modterm Tng. & Exp.	
	First-Line Supervisors/Managers of Mechanics,														
49-1011	Installers, and Repairers	1,050	1,080	30	0	30	30	56,180	16.58	34,487	40.69	84,645	55,592	Work Exp. in a related occ.	
40.2011	Computer, Automated Teller, and Office Machine		200	0	0	0		22.744	0.52	17.744	14.20	20.720	27.070	D. d I	
	Repairers Avionics Technicians	210 70		30	0		0	23,744 38,774		17,744 23,230	14.30 26.77	29,738 55,687	27,070 47,450	Postsecondary voc. Postsecondary voc.	
47-2071	Electrical and Electronics Repairers, Commercial	70	100	.50	U	U	U	30,774	11.17	23,230	20.77	33,067	47,430	r ostsecondary voc.	
49-2094	and Industrial Equipment	190	200	20	0	10	10	54,452	16.82	34,991	37.75	78,518	55,943	Postsecondary voc.	
	Security and Fire Alarm Systems Installers	70	80	10	0	0	0	38,240	14.79	30,757	23.12	48,100	34,839	Postsecondary voc.	
	Aircraft Mechanics and Service Technicians	300		110	10		10	49,956		38,766	28.35	58,960	49,905	Postsecondary voc.	
49-3021	Automotive Body and Related Repairers	220	210	0	0	10	10	34,445	10.36	21,538	25.57	53,194	34,332	Long-term Tng. & Exp.	Cert. Avail.
40.2022	And the Control of the Latin	1,040	1 110	70	10	20	20	22.520	0.00	16.760	25.58	52 201	22.650	D. d I	Cont. Accord
49-3023	Automotive Service Technicians and Mechanics Bus and Truck Mechanics and Diesel Engine	1,040	1,110	/0	10	20	30	33,530	8.06	16,768	23.38	53,201	32,658	Postsecondary voc.	Cert. Avail.
49-3031	Specialists	490	490	0	0	10	10	37,733	12.22	25,410	25.20	52,417	39,406	Postsecondary voc.	Cert. Avail.
	Mobile Heavy Equipment Mechanics, Except							,		,		,	,	,	
49-3042	Engines	490	500	20	0	10	10	42,220	13.72	28,536	26.10	54,291	41,208	Postsecondary voc.	
	Motorcycle Mechanics	60		10	0		0	38,296		23,780		62,405	36,009	Long-term Tng. & Exp.	Cert. Avail.
49-3093	Tire Repairers and Changers	360	390	40	0	10	10	19,708	7.41	15,420	12.23	25,442	21,998	Short-term Tng. & Exp.	
40.0021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	520	540	20	0	10	10	40,109	12.08	25,132	26.50	55,113	38,086	I T	Cert. Avail.
	Home Appliance Repairers	520		20	0	0	10	27,949		16,066	25.30	52,623	33,596	Long-term Tng. & Exp. Long-term Tng. & Exp.	Cert. Avail.
	Industrial Machinery Mechanics	770		80	10		20	50,716		32,774	35.29	73,413	45,547	Long-term Tng. & Exp. Long-term Tng. & Exp.	Cert. Avail.
	Maintenance and Repair Workers, General	2,850		140	10		20	29,352		17,774	20.80	43,267	33,524	Long-term Tng. & Exp.	
	Maintenance Workers, Machinery	340	350	10	0	10	10	33,543	10.19	21,203	24.46	50,881	36,931	Long-term Tng. & Exp.	
	Millwrights	150		0	0		0	42,036		34,555	25.63	53,314	43,614	Long-term Tng. & Exp.	Cert. Avail.
49-9051	Electrical Power-Line Installers and Repairers	250	280	20	0	10	10	52,763	14.31	29,757	36.40	75,718	49,147	Long-term Tng. & Exp.	
40.0052	Telecommunications Line Installers and	200	210		_			26.505	10.44	21.725	20.01	(0.175	20.620	Т	
49-9052	Repairers Coin, Vending, and Amusement Machine	290	310	10	0	10	10	36,595	10.44	21,725	30.04	62,475	38,638	Long-term Tng. & Exp.	
49-9091	Servicers and Repairers	80	80	0	0	0	n	26,375	7.74	16,092	16.91	35,183	27,143	Modterm Tng. & Exp.	
., ,0,1	HelpersInstallation, Maintenance, and Repair	30	30	Ü	l	0	0	20,373	7.74	10,092	10.71	55,105	27,173	moa. term riig. te Exp.	
49-9098	Workers	500	500	0	0	10	10	20,942	7.06	14,691	14.23	29,603	24,091	Short-term Tng. & Exp.	
				-11											

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
	Installation, Maintenance, and Repair Workers,	1							10%		10%		<u> </u>		
49-9099	All Other	410	430	20	0	0	10	34,874	10.01	20,820	26.93	56,018	36,426	Long-term Tng. & Exp.	
	First-Line Supervisors/Managers of Production							,		,		,	,	g	
51-1011	and Operating Workers	1,120	1,010	0	0	20	20	52,753	13.79	28,682	41.40	86,107	57,144	Work Exp. in a related occ.	
					_										
	Electrical and Electronic Equipment Assemblers	80 240	80 230	0	0	0		33,386 41,390		14,960 25,227	28.16 34.54	58,578 71,850	37,378 40,063	Short-term Tng. & Exp.	C
	Structural Metal Fabricators and Fitters Team Assemblers	1,770	1,450	0	0	40		41,390 28,396		25,227 17,340	34.54 21.08	71,850 43,848	29,346	Modterm Tng. & Exp. Modterm Tng. & Exp.	Cert. Avail.
31=2092	Timing Device Assemblers, Adjusters, and	1,770	1,450	U	0	40	40	20,390	0.54	17,540	21.00	43,646	29,340	wouterm ring. & Exp.	
51-2093	Calibrators	30	0	0	0	0	0	NA	NA	NA	NA	NA	NA	Modterm Tng. & Exp.	
	Assemblers and Fabricators, All Other	1,250	450	0	0	30				36,804	31.36	65,231	NA	Modterm Tng. & Exp.	
51-3011	Bakers	120	130	10	0	0	0	20,052	7.04	14,652	13.37	27,814	21,767	Long-term Tng. & Exp.	
	Butchers and Meat Cutters	110	110	0	0	0		28,260		17,433	18.92	39,358	26,726	Long-term Tng. & Exp.	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	440	450	10	0	10	20	21,197	7.33	15,253	12.98	26,998	18,782	Short-term Tng. & Exp.	
51 4031	Extruding and Drawing Machine Setters,	100						20.422	12.21	25 101	10.52	20.542	25.626		
51-4021	Operators, and Tenders, Metal and Plastic Cutting, Punching, and Press Machine Setters,	100	80	0	0	0	0	30,433	12.21	25,404	18.53	38,543	27,626	Modterm Tng. & Exp.	
51-4031	Operators, and Tenders, Metal and Plastic	180	160	0	0	0	0	28,811	10.07	20,955	18.15	37,753	32,171	Modterm Tng. & Exp.	
31-4031	Grinding, Lapping, Polishing, and Buffing	100	100	Ü	0			20,011	10.07	20,733	10.13	51,155	32,171	Modterm ring, & Exp.	
	Machine Tool Setters, Operators, and Tenders,														
51-4033	Metal and Plastic	80	60	0	0	0	0	33,248	7.57	15,755	28.10	58,446	29,744	Modterm Tng. & Exp.	
	Lathe and Turning Machine Tool Setters,														
	Operators, and Tenders, Metal and Plastic	30	20	0	0			33,209		22,099	22.19	46,164	35,505	Modterm Tng. & Exp.	
	Machinists	510		0	0	10	10	37,917		23,366	25.06	52,119	40,654	Long-term Tng. & Exp.	
51-4071	Foundry Mold and Coremakers	20	10	0	0	0	0	15,901	6.78	14,109	8.94	18,602	20,802	Modterm Tng. & Exp.	
51 4001	Multiple Machine Tool Setters, Operators, and	60	70	10	0	0		26,154	6.97	14,496	24.54	51,039	29,551	M. I	
	Tenders, Metal and Plastic Welders, Cutters, Solderers, and Brazers	1,020		10 70	10					24,848	28.46	59,206	40,790	Modterm Tng. & Exp. Postsecondary voc.	Cert. Avail.
31-4121	Welding, Soldering, and Brazing Machine	1,020	1,000	70	10	20	50	50,050	11.73	24,040	20.40	37,200	40,770	r ostsecondar y voc.	CCIT. Avail.
51-4122	Setters, Operators, and Tenders	230	260	30	0	10	10	32,356	11.42	23,757	20.53	42,704	33,153	Modterm Tng. & Exp.	
	Bindery Workers	70	50	0	0	0	0	27,088		17,503	18.97	39,451	23,029	Modterm Tng. & Exp.	
51-5021	Job Printers	60	50	0	0	0	0	32,553	10.16	21,141	19.54	40,637	29,799	Long-term Tng. & Exp.	
	Prepress Technicians and Workers	40	20	0	0	0	0	30,247		19,860	22.48	46,751	30,018	Long-term Tng. & Exp.	
	Printing Machine Operators	210	180	0	0	10		28,510		17,399	21.64	45,014	28,256	Modterm Tng. & Exp.	
	Laundry and Dry-Cleaning Workers	750	810	60	10	20				14,215	10.04	20,874	18,112	Modterm Tng. & Exp.	
	Sewing Machine Operators	120	100 170	0	0	0		19,223			11.95	24,848	19,738	Modterm Tng. & Exp.	
51-7011	Cabinetmakers and Bench Carpenters Sawing Machine Setters, Operators, and Tenders,	130	170	30	0	0	10	25,683	9.38	19,505	16.50	34,328	28,230	Long-term Tng. & Exp.	
51-7041		390	300	0	0	10	10	30,808	10.35	21,536	19.27	40,080	28,123	Modterm Tng. & Exp.	
51 7011	Woodworking Machine Setters, Operators, and	570	500	Ü			10	50,000	10.55	21,000	17.27	10,000	20,123	mod. term ring. to Exp.	
51-7042	Tenders, Except Sawing	100	90	0	0	0	0	31,832	8.97	18,653	27.76	57,733	31,417	Modterm Tng. & Exp.	
51-8021	Stationary Engineers and Boiler Operators	140	140	0	0	0	0	47,841	13.85	28,801	32.13	66,831	42,129	Long-term Tng. & Exp.	
	Water and Liquid Waste Treatment Plant and														
51-8031	System Operators	350	400	50	10	10	10	27,878	8.55	17,790	18.99	39,506	29,751	Long-term Tng. & Exp.	Lic. Req.
51.0022	Mixing and Blending Machine Setters,	70	50					22.214	11.60	24.216	21.25	44.402	20.442		
51-9023	Operators, and Tenders Extruding, Forming, Pressing, and Compacting	70	50	0	0	0	0	32,214	11.69	24,316	21.35	44,403	38,442	Modterm Tng. & Exp.	
51-9041	Machine Setters, Operators, and Tenders	80	80	0	0	0	0	24,810	7.21	14,994	20.93	43,525	25,391	Modterm Tng. & Exp.	
31-9041	Inspectors, Testers, Sorters, Samplers, and	80	80	U	U	U	0	24,010	7.21	14,774	20.93	43,323	23,391	wodterm ring. & Exp.	
51-9061	Weighers	860	820	0	0	10	10	39,892	9.86	20,515	31.20	64,901	40,431	Modterm Tng. & Exp.	Lic. Req.
	Dental Laboratory Technicians	180	150	0	0	0	0	29,195		17,208	20.82	43,304	28,791	Long-term Tng. & Exp.	
	Ophthalmic Laboratory Technicians	60	60	0	0	0	0	23,552	7.40	15,384	15.31	31,839	25,752	Modterm Tng. & Exp.	
	Packaging and Filling Machine Operators and														
51-9111		130	110	0	0	0	0	28,865	8.62	17,935	22.03	45,825	27,579	Short-term Tng. & Exp.	
51.0131	Coating, Painting, and Spraying Machine Setters,							24.410	10.44	21.512	21.75	45.005	22.250		
	Operators, and Tenders Painters, Transportation Equipment	110 50	90 50	0	0	0		34,418 38,368		21,713 28,077	21.75 26.30	45,235 54,699	33,270 38,652	Modterm Tng. & Exp.	
51-9122	Paper Goods Machine Setters, Operators, and	30	50	U	0	0	U	38,308	15.50	28,077	20.30	34,699	38,032	Modterm Tng. & Exp.	
51-9196		320	300	0	0	10	10	43,009	10.10	21,010	29.67	61,717	37,644	Modterm Tng. & Exp.	
	HelpersProduction Workers	1,180	1,030	0	0	30		24,359		15,270	19.26	40,054	25,052	Short-term Tng. & Exp.	
	Production Workers, All Other	1,160	850	0	0	20				15,192	29.50	61,367	31,472	Modterm Tng. & Exp.	
	First-Line Supervisors/Managers of Helpers,													5 1	
53-1021	Laborers, and Material Movers, Hand	330	360	30	0	10	10	42,888	12.65	26,316	29.98	62,364	43,835	Work Exp. in a related occ.	
	First-Line Supervisors/Managers of							I							
£2 102:	Transportation and Material-Moving Machine	25-	25-		_			42.01-		10.05	2	71.25	E2 20-	W. d. Fee. 1.	
	and Vehicle Operators Commercial Pilots	350 130	380 130	30 0	0	10	10 0	43,813 74,236		18,974 47,894	34.25 NA	71,235 103,032	52,393 68,393	Work Exp. in a related occ. Postsecondary voc.	
33-2012	Commercial Filots	130	150	U	U	U	U	74,230	1974	47,094	1474	103,032	00,593	r ostsecondary voc.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% ¹⁰	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
53-2021	Air Traffic Controllers	30	50	20	0	0	0	77,108	19.05	39,615	55.61	115,678	74,707	Long-term Tng. & Exp.	
	Bus Drivers, School	1,320	1,380	70	10	20	20	17,739	7.23	15,040	9.74	20,257	18,608	Short-term Tng. & Exp.	
53-3031	Driver/Sales Workers	870	850	0	0	20	20	28,556	7.21	14,991	22.23	46,240	28,790	Short-term Tng. & Exp.	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,270	4,430	170	20	80	90	37,110	10.70	22,246	27.80	57,822	35,203	Modterm Tng. & Exp.	Lic. Req.
	Truck Drivers, Light or Delivery Services	2,190	2,430	240	20	40	60	28,554	7.37	15,335	24.92	51,834	28,162	Short-term Tng. & Exp.	
53-3041	Taxi Drivers and Chauffeurs	230	260	30	0	0	10	18,715	6.88	14,307	12.62	26,246	22,321	Short-term Tng. & Exp.	
	Captains, Mates, and Pilots of Water Vessels	150	150	10	0	0	10	117,810	29.86	62,107	77.48	161,155	73,698	Work Exp. in a related occ.	Lic. Req.
53-6021	Parking Lot Attendants	230	230	10	0	10	10	18,125	6.88	14,307	11.62	24,172	17,594	Short-term Tng. & Exp.	
53-7011	Conveyor Operators and Tenders	120	90	0	0	0	0	27,071	8.55	17,782	19.80	41,186	32,510	Short-term Tng. & Exp.	
	Crane and Tower Operators Excavating and Loading Machine and Dragline	100	100	0	0	0	0	42,619	11.95	24,864	29.22	60,782	44,638	Modterm Tng. & Exp.	Cert. Avail.
53-7032	Operators	180	160	0	0	0	0	37,031	11.84	24,627	24.54	51,042	33,639	Modterm Tng. & Exp.	
53-7051	Industrial Truck and Tractor Operators	970	830	0	0	30	30	29,462	8.77	18,240	21.14	43,962	30,788	Short-term Tng. & Exp.	
53-7061	Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material	690	750	50	10	30	30	18,584	7.10	14,758	11.45	23,811	20,520	Short-term Tng. & Exp.	
53-7062	Movers, Hand	5,600	5,420	0	0	180	180	21,531	7.17	14,914	14.70	30,574	22,623	Short-term Tng. & Exp.	
53-7063	Machine Feeders and Offbearers	290	210	0	0	10	10	24,512	7.65	15,919	15.38	31,991	26,453	Short-term Tng. & Exp.	
53-7064	Packers and Packagers, Hand	640	520	0	0	10	10	20,003	6.83	14,212	15.25	31,721	21,823	Short-term Tng. & Exp.	
53-7072	Pump Operators, Except Wellhead Pumpers	90	80	0	0	0	0	46,770	12.98	26,993	32.23	67,029	46,481	Modterm Tng. & Exp.	
53-7081	Refuse and Recyclable Material Collectors	270	280	10	0	10	10	21.862	6.98	14.520	15.58	32,410	24,623	Short-term Tng. & Exp.	

RLMA 7: Bossier, Bienville, Caddo, Claiborne, Desoto, Lincoln, Natchitoches, Sabine, Red River, Webster

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10
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¹Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks.

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

http://online.onetcenter.org/

² Title of the occupation.

³ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴ 2018 Projected employment estimate includes new jobs and replacement needs of employers.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

 $^{^9}$ 2010 Annual average wage for all workers in this occupation

¹⁰ Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

¹⁵ Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.

RLMA 8: Caldwell, E Carroll, Franklin, Jackson, Madison, Morehouse, Ouachita, Richland, Tensas, Union, W Carroll

Monroe - Northeast - Regional Labor Market Area 8 Projections for All Occupations to 2018 (in order by occupational code)

Revised 2011 Regional Labor Market Area 8: Caldwell, E. Carroll, Franklin, Jackson, Madison, Morehouse, Ouachita, Richland, Tensas, Union, & W. Carroll 2010 2010 2010 2010 RLMA RLMA RLMA RLMA 1 2010 State RLMA 1 1 Annual Occupationa Annual Annual Annual Occupa Hourly Hourly Annual 2008 2018 10 Year Annual Most Significant Source of New Total vg. Wage tional Occupational Title Replace Annual Avg. Avg. License Avg. Wage Average Estimate Projected Growth Education or Training 15 Growth ment 7 Openings Average Wage Wage -Highest Required 16 Lowest Wage 1 10% 13 Wage Lowest Highest 10% 11 00-0000 Total, All Occupations 120,970 131,310 12.46 1.250 \$147,206 Wk Exp.+ Bachelor's or higher degree 11-1011 Chief Executives \$131.715 \$25.03 \$52,055 >\$166.400 140 140 >\$80.00 11-1021 General and Operations Managers 2.470 2.380 17.88 37.187 79.24 164.820 97.474 Wk Exp.+ Bachelor's or higher degree 86.021 0 60 130 120 16.218 14.043 18,876 18,485 Wk Exp.+ Bachelor's or higher degree 11-1031 Legislators 0 0 NA NA 11-2011 Advertising and Promotions Managers 62,413 Wk Exp.+ Bachelor's or higher degree 50 50 0 0 39.306 13.06 27.156 31.75 66.050 120 81.013 Wk Exp.+ Bachelor's or higher degree 11-2022 Sales Managers 110 0 0 74.908 18.72 38.944 62.82 130.670 11-2031 Public Relations Managers 20 20 0 0 49 557 15 23 31 681 35.72 74 288 61.347 Wk Exp.+ Bachelor's or higher degree 11-3011 Administrative Services Managers 150 160 0 0 57.258 17.96 37.357 43.98 91,484 61,416 Wk Exp.+ Bachelor's or higher degree 11-3021 Computer and Information Systems Managers 50 60 0 0 71.440 15.44 32.108 57.52 119.642 81,363 Wk Exp.+ Bachelor's or higher degree Cert. Avail. 11-3031 Financial Managers 300 330 0 0 91.576 21.43 44 574 78 24 162,730 80,889 Wk Exp.+ Bachelor's or higher degree 11-3049 Human Resources Managers, All Other 20 20 0 49 794 14 51 30,171 37 58 78 162 72,353 Wk Exp.+ Bachelor's or higher degree 11-3051 Industrial Production Managers 140 130 0 10 75,406 23.45 48,783 50.10 104,201 92,332 Bachelor's degree Transportation, Storage, and Distribution 11-3071 Managers 60 60 0 58,137 17.72 36,860 42.86 89,154 66,553 Work Exp. in a related occ. 0 Lic. Rea 11-9021 Construction Managers 120 130 0 71,312 21.17 44.032 50.73 105.523 Bachelor's degree Education Administrators, Elementary and 11-9032 Secondary School 290 290 10 63,601 46,297 NA 81,639 67,394 Wk Exp.+ Bachelor's or higher degree 11-9033 Education Administrators, Postsecondary 40 40 0 97,863 24.21 50,359 78.05 162,353 93,840 Wk Exp.+ Bachelor's or higher degree 0 11-9051 Food Service Managers 160 170 47,533 10.98 22,849 35.60 74,057 46.814 Work Exp. in a related occ. 0 0 50 50 52,158 52,034 11-9061 Funeral Directors 0 16.30 33,907 35.79 74,439 Associate degree Lic. Reg. 0 11-9081 Lodging Managers 50 50 0 0 44.684 11.58 24.087 30.24 62.907 47.628 Work Exp. in a related occ. Cert. Avail. 11-9111 Medical and Health Services Managers 240 280 0 10 68 255 21.35 44 412 46 44 96 587 75,836 Wk Exp.+ Bachelor's or higher degree Lic. Reg. Property, Real Estate, and Community 11-9141 Association Managers 360 460 10 10 32 785 8 48 17.631 23.74 40 383 41.840 Bachelor's degree 11-9151 Social and Community Service Managers 70 80 0 60.337 15.59 32.434 43.26 89.984 59.751 Bachelor's degree Work Exp. in a related occ. 11-9199 Managers, All Other 820 870 10 20 59 744 17 19 35,758 43.07 89 585 74 224 Wholesale and Retail Buyers, Except Farm 13-1022 Products 100 90 0 0 55,961 17.74 36.904 37.11 77,186 47.545 Bachelor's degree Purchasing Agents, Except Wholesale, Retail, 13-1023 and Farm Products 90 45.500 10.81 76.162 49.682 Bachelor's degree 13-1031 Claims Adjusters, Examiners, and Investigators 210 0 10 68,009 19.46 40,472 47.48 98,759 63,799 Long-term Tng. & Exp. Compliance Officers, Except Agriculture, Construction, Health and Safety, and 13-1041 Transportation 150 160 0 49,127 14.79 30,761 35.33 73,482 50,085 Long-term Tng. & Exp. 14.76 30,700 66,382 56,845 13-1051 Cost Estimators 70 80 0 0 50,094 31.91 Bachelor's degree Employment, Recruitment, and Placement 13-1071 Specialists 70 80 0 0 30.970 9.00 18.725 19.60 40.761 43.648 Bachelor's degree 13-1073 Training and Development Specialists 140 46 029 32.82 68 258 45 825 160 0 0 11 78 24 509 Bachelor's degree Human Resources, Training, and Labor Relations Bachelor's degree 13-1079 Specialists, All Other 40 50 41.258 14.66 30.500 27.15 56.463 51.804 13-1111 Management Analysts 190 210 0 0 55 502 14 42 29 993 49 21 102 350 69,328 Wk Exp.+ Bachelor's or higher degree 13-1199 Business Operations Specialists, All Other 280 340 10 0 47 310 13.21 27 481 36.55 76 020 55 418 Bachelor's degree 13-2011 Accountants and Auditors 590 680 100 10 10 52,380 16.35 33,998 37.48 77.967 55.095 Bachelor's degree Lic. Req. 13-2031 Budget Analysts 30 30 0 0 40,632 11.52 23,969 31.62 65 762 56,659 Bachelor's degree Bachelor's degree 13-2051 Financial Analysts 40 50 0 0 76,566 17.14 35,646 51.84 107 820 70 327 13-2072 Loan Officers 400 450 10 0 49,377 15.06 31,331 34.14 71,010 47,436 Bachelor's degree 13-2082 Tax Preparers 110 44,410 29,388 130 30,965 9.29 19,322 21.35 Mod.-term Tng. & Exp. 15-1021 Computer Programmers 50 40 0 48,539 15.97 33,209 32.22 67,016 58,126 Bachelor's degree Cert. Avail. 15-1041 Computer Support Specialists 210 230 10 32,024 10.33 21,495 20.34 42,298 43,377 Associate degree Cert. Avail. 15-1051 Computer Systems Analysts 160 190 0 46.312 16.26 33.816 32.59 67.780 57.502 Bachelor's degree Cert. Avail. 15-1061 Database Administrators 0 57,568 20.42 42,473 35.88 74,637 61,534 Bachelor's degree 15-1071 Network and Computer Systems Administrators 110 140 0 0 47,680 16.51 34,339 33.20 69,049 56,090 Bachelor's degree Cert. Avail. Network Systems and Data Communications 15-1081 Analysts 110 170 10 50.553 14.93 31.056 32.92 68.472 55.026 Bachelor's degree 15-1099 Computer Specialists, All Other 40 40 0 0 43.780 8.84 18.379 31.05 64.584 72.653 Postsecondary voc. Lic. Req. 17-1011 Architects, Except Landscape and Naval 30 30 0 0 144 493 15.12 31 454 >80.00 >166 400 68 303 Bachelor's degree 17-1022 Surveyors 80 110 0 0 44.623 12.63 26.271 34.40 71,747 50.478 Bachelor's degree Lic. Req. 17-2051 Civil Engineers 80 100 0 0 88,816 28.15 58.548 67.65 140.705 88.136 Bachelor's degree Lic. Req.

17-2071 Electrical Engineers

17-2141 Mechanical Engineers

80

80

40

0

0

86 117

80,645

28 98

31.31

60 272

65.122

57.21

49.14

118 996

102.217

86 049

82,788

Bachelor's degree

Bachelor's degree

Lic. Req.

Lic. Rea

								2010	2010 RLMA 1	2010	2010 RLMA 1	2010 RLMA			
Occupa-		2000	2010	40.77	Annual	Annual	Annual	RLMA 1	Hourly	RLMA 1	Hourly	1 Annual	2010 State		Occupational
tional	Occupational Title ²	2008	2018	10 Year	New	Replace-	Total	Annual	Avg.	Annual Avg. Wage -	Avg.	Avg. Wage -	Annual Average	Most Significant Source of	License
Code 1	-	Estimate 3	Projected *	Growth 3	Growth 6	ment 7	Openings 8	Average	Wage -	Lowest	Wage -	Highest	Wage 14	Education or Training ¹⁵	Required 16
								Wage 9	Lowest 10% 10	10% 11	Highest 10% 12	10% 13	,, age		
17-2199	Engineers, All Other	90	80	0	0	0	0	71,087	19.47	40,495	51.86	107,874	79,411	Bachelor's degree	Lic. Req.
	Architectural and Civil Drafters	80	80	10	0	0	0	43,365			30.00	62,394	44,751	Postsecondary voc.	Cert. Avail.
	Drafters, All Other	40	50	10	0	0		34,974			20.26	42,148	46,200	Postsecondary voc.	
17-3031	Surveying and Mapping Technicians	130	160	30	0	0	10	28,654	7.16	14,896	22.24	46,252	32,466	Modterm Tng. & Exp.	
19-2041	Environmental Scientists and Specialists, Including Health	40	50	10	0	0	0	46,609	13.11	27,267	34.97	72,746	59,260	Bachelor's degree	
	Market Research Analysts	70	90	20	0	0		48,416			30.95	64,379	45,009	Bachelor's degree	
	,,,,,,,									,		- 1,	,		
	Educational, Vocational, and School Counselors	470	490	20	0	10		49,927			31.87	66,284	50,457	Bachelor's degree	
	Marriage and Family Therapists	40	60	20	0	0	-	32,927			23.43	48,733	33,755	Master's degree	*· B
	Mental Health Counselors Rehabilitation Counselors	80 30	100 40	20 10	0	0	-	35,342 39,555			24.95 25.64	51,890 53,339	31,121 31,484	Master's degree Master's degree	Lic. Req. Lic. Req.
	Medical and Public Health Social Workers	130	180	60	10	0	-	46,036			32.05	66,668	44,707	Bachelor's degree	Lic. Req.
21 1022	Mental Health and Substance Abuse Social	130	100	00			10	10,050	12.70	20,570	52.05	00,000	11,707	Buolicios y degree	Lie. req.
21-1023		20	30	10	0	0	0	37,396	9.65	20,063	27.77	57,752	40,527	Master's degree	
21-1093	Social and Human Service Assistants	360	420	60	10	0	10	34,815	8.21	17,085	27.07	56,302	32,052	Modterm Tng. & Exp.	
21 1000	Community and Social Service Specialists, All	250	210	-	10			20.215	10.20	01.610	27.27	56.001	22.27	Deale alord 1	
21-1099 23-1011		250 490	310 540	60 50	10 10	0 10		38,315 52,442			27.37 33.97	56,931 70,659	33,276 94,625	Bachelor's degree First professional degree	Lic. Req.
	Court Reporters	30	30	0	0	0		34,862			22.46	46,718	37,651	Postsecondary voc.	Lic. Req.
	Preschool Teachers, Except Special Education	160	180	30	0	0	10	21,840			18.17	37,802	21,691	Bachelor's degree	Cert. Avail.
														_	
25-2012	Kindergarten Teachers, Except Special Education	290	320	30	0	10	10	39,477	NA	30,581	NA	50,584	44,476	Bachelor's degree	Cert. Avail.
25 2021	Elementary School Teachers, Except Special Education	1,950	2,100	150	20	40	60	40,916	NA	32,491	NA	51,300	44,622	Bachelor's degree	Lic. Req.
23-2021	Middle School Teachers, Except Special and	1,930	2,100	130	20	40	00	40,910	INA	32,491	INA	31,300	44,022	Bachelol's degree	Lic. Req.
25-2022	Vocational Education	60	60	0	0	0	0	38,421	NA	29,414	NA	46,840	45,818	Bachelor's degree	
25-2023	Vocational Education Teachers, Middle School	50	50	0	0	0	0	48,269	NA	38,286	NA	60,181	45,742	Wk Exp.+ Bachelor's or higher degree	
	Secondary School Teachers, Except Special and														
25-2031	Vocational Education Vocational Education Teachers, Secondary	970	970	0	0	30	30	42,005	NA	31,990	NA	52,422	46,159	Bachelor's degree	Lic. Req.
25-2032		80	70	0	0	0	0	44,237	NA	35,522	NA	53,073	48,615	Bachelor's degree	
23 2032	Special Education Teachers, Preschool,	00	70	J			0	11,237		55,522		55,075	10,015	Buchelot 5 degree	
25-2041	Kindergarten, and Elementary School	100	110	10	0	0	0	40,564	NA	32,288	NA	50,295	46,244	Bachelor's degree	Cert. Avail.
25-2043	Special Education Teachers, Secondary School	510	530	10	0	10	10	43,773	NA	34,442	NA	52,516	46,290	Bachelor's degree	Cert. Avail.
25 2011	Adult Literacy, Remedial Education, and GED	40	40	0	0	0	0	42.027	14.38	29,900	25.29	52.610	37,658	Dealer Indiana.	
	Teachers and Instructors Self-Enrichment Education Teachers	190	220	30	0	0		39,085			30.16	52,610 62,737	40,531	Bachelor's degree Work Exp. in a related occ.	
	Teachers and Instructors, All Other	840	860	20	0	10		54,223			NA	98,965	47,340	Bachelor's degree	
	Librarians	140	140	0	0	0		44,806			25.32	52,672	48,201	Master's degree	Lic. Req.
	Instructional Coordinators	160	180	20	0	0		52,018			34.91	72,617	48,032	Master's degree	
25-9041	Teacher Assistants	1,280	1,310	40	0	20	30	16,356	NA	14,128	NA	19,433	17,990	Short-term Tng. & Exp.	Cert. Avail.
25-9099	Education, Training, and Library Workers, All	30	30	0	0	0	0	45,398	15.06	31,318	29.03	60,372	43,772	Bachelor's degree	Lic. Req.
	Floral Designers	100	100	0	0	0		19,363			13.22	27,495	23,044	Modterm Tng. & Exp.	Lic. Req.
	Graphic Designers	70		10	0	0	-	34,783			26.00	54,076	36,606	Bachelor's degree	
														5	
	Merchandise Displayers and Window Trimmers	170	170	0	0	0		29,321	9.69		19.74	41,059	27,381	Modterm Tng. & Exp.	
	Choreographers	30 80	30	0	0	0		39,780			41.48	86,283	39,599	Work Exp. in a related occ.	
27-3022	Reporters and Correspondents	50 50	70 40	0	0	0		NA 38,503			NA 29.61	NA 61,597	46,441 42,144	Bachelor's degree Bachelor's degree	
	Photographers	80	80	10	0	0		25,054			15.70	32,662	27,587	Long-term Tng. & Exp.	
	Dietitians and Nutritionists	90	90	0	0	0		42,430			31.55	65,631	45,081	Bachelor's degree	Lic. Req.
	Pharmacists	280	360	80	10	10		94,748			57.51	119,619	102,448	First professional degree	Lic. Req.
	Family and General Practitioners	40	50	10	0	0		201,684			>80.00	>166,400	182,792	First professional degree	Lic. Req.
	Physicians and Surgeons, All Other	170 60	220 90	40 30	0	0		175,495			>80.00	>166,400	190,503 70,321	First professional degree	Lic. Req.
	Physician Assistants Registered Nurses	2,810	3,340	530	50	50		63,274 60,435	20.17		44.61 39.57	92,789 82,311	60,721	Bachelor's degree Associate degree	Lic. Req. Lic. Req.
	Occupational Therapists	110	140	30	0	0		66,514			49.98	103,961	70,945	Bachelor's degree	Lic. Req.
29-1123	Physical Therapists	140	190	50	10	0	10	83,545	26.87	55,893	56.00	116,486	77,994	Master's degree	Lic. Req.
29-1125	Recreational Therapists	30	30	0	0	0		45,369			30.07	62,538	39,692	Bachelor's degree	
	Respiratory Therapists	170	210	30	0	0		47,389			30.17	62,760	48,767	Associate degree	Lic. Req.
	Speech-Language Pathologists Veterinarians	40 50	40 70	10 20	0	0		93,889 101,714			64.89 >80.00	134,976 >166,400	69,542 81,885	Master's degree First professional degree	Lic. Req. Lic. Req.
	Medical and Clinical Laboratory Technologists	170	180	10	0	0		49,802			32.32	67,221	48,950	Bachelor's degree	Lic. Req.
	Medical and Clinical Laboratory Technicians	160	180	20	0	0		34,905			27.01	56,184	32,526	Associate degree	
	Cardiovascular Technologists and Technicians	50	50	10	0	0	0	43,050	10.83	22,523	32.32	67,228	39,186	Associate degree	

								2010	2010	2010	2010	2010 DI 3			
Occupa-		2000	2010	10 1/	Annual	Annual	Annual	2010 RLMA 1	RLMA 1 Hourly	RLMA 1	RLMA 1 Hourly	2010 RLMA 1 Annual	2010 State	M + Cl 18 + C	Occupational
tional	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	New	Replace-	Total	Annual	Avg.	Annual Avg. Wage -	Avg.	Avg. Wage -	Annual Average	Most Significant Source of Education or Training ¹⁵	License
Code 1		Estimate	Trojecteu	Giowin	Growth 6	ment 7	Openings 8	Average Wage 9	Wage - Lowest	Lowest	Wage - Highest	Highest 10% 13	Wage 14	Education of Training	Required 16
								wage	10% 10	10% 11	10% 12	10%			
	Diagnostic Medical Sonographers	50			0	0	0	64,055	22.09		40.34	83,901	58,984	Associate degree	
	Nuclear Medicine Technologists Radiologic Technologists and Technicians	30 300			0	0	10	70,601 44,949	28.26 7.88		39.59 31.75	82,338 66,039	62,804 47,836	Associate degree Associate degree	Lic. Req.
27 203 .	radioogie reemologists and reemielans					Ü		, , , ,	7.00	10,509	51.75	00,000	17,030	1 issociate degree	Lie. req.
	Emergency Medical Technicians and Paramedics	400			10	10	20	26,992	7.74		19.73	41,031	33,706	Postsecondary voc.	Lic. Req.
	Dietetic Technicians Pharmacy Technicians	30 350			0 10		30	20,602 25,144	7.01 9.71		16.17 15.28	33,624 31,772	23,304 27,344	Modterm Tng. & Exp. Modterm Tng. & Exp.	Lic. Req.
	Psychiatric Technicians	50	40		0	0		25,816			19.43	40,411	23,636	Postsecondary voc.	Lic. Req.
	Respiratory Therapy Technicians	60	50	0	0	0	C	49,100	13.79		31.18	64,855	45,424	Postsecondary voc.	
	Surgical Technologists	70			0		0	33,842	10.30		21.40	44,515	37,644	Postsecondary voc.	
29-2056	Veterinary Technologists and Technicians	50	80	20	0	0	C	20,614	8.30	17,254	12.12	25,208	23,704	Associate degree	Lic. Req.
29-2061	Licensed Practical and Licensed Vocational Nurses	1,660	2,010	350	40	50	80	34,196	12.68	26,370	21.48	44,674	37,564	Postsecondary voc.	Lic. Req.
27 2001	Medical Records and Health Information	1,000	2,010	330		50		51,170	12.00	20,570	21.10	11,071	57,501	rossecondary voc.	Lie. req.
	Technicians	160			0	0	10	27,872	8.48		18.34	38,139	28,555	Associate degree	Cert. Avail.
29-2081	Opticians, Dispensing	50	50	0	0	0	C	29,351	8.48	17,647	25.98	54,028	29,866	Long-term Tng. & Exp.	
29-2099	Health Technologists and Technicians, All Other	50	60	10	0	0	0	29,702	8.31	17,280	25.94	53,952	35,561	Long-term Tng. & Exp.	Lic. Req.
	Home Health Aides	1,620			90	20	100		6.88	14,307	10.77	22,408	18,934	Short-term Tng. & Exp.	Cert. Avail.
	Nursing Aides, Orderlies, and Attendants	2,890			60		90	18,146	6.94		11.40	23,715	19,829	Short-term Tng. & Exp.	Lic. Req.
	Psychiatric Aides	90	70		0		0	22,649			15.24	31,694	22,987	Short-term Tng. & Exp.	
	Occupational Therapist Assistants Physical Therapist Assistants	30 60			0	0		54,235 39,261	18.39 9.97		31.54 30.50	65,610 63,436		Associate degree Associate degree	Lic. Req.
	Physical Therapist Assistants Physical Therapist Aides	60			0	0	0	18,679	6.94		11.73	24,396		Short-term Tng. & Exp.	Lic. Req.
	Massage Therapists	50			0	0	C	26,564	8.79		15.46	32,165	29,431	Postsecondary voc.	Lic. Req.
	Dental Assistants	260			10	10	10	26,131	9.90		15.64	32,522	27,984	Modterm Tng. & Exp.	•
	Medical Assistants	170			10		10	23,347	8.06		16.61	34,539	25,506	Modterm Tng. & Exp.	Cert. Avail.
	Medical Equipment Preparers	20			0		C	22,779	8.45		14.74	30,651	24,408	Short-term Tng. & Exp.	
	Medical Transcriptionists	110			0		0	22,771	6.99		17.35	36,095	29,210	Postsecondary voc.	
31-9093	Pharmacy Aides Veterinary Assistants and Laboratory Animal	70	70	0	0	0	·	24,582	7.11	14,792	17.46	36,324	21,416	Short-term Tng. & Exp.	
31-9096	Caretakers	80	90	10	0	0	0	19,332	6.88	14,307	12.85	26,718	22,780	Short-term Tng. & Exp.	
	Healthcare Support Workers, All Other	190	240	40	0	0	10	23,177	7.64		15.52	32,278	25,805	Short-term Tng. & Exp.	Lic. Req.
	First-Line Supervisors/Managers of Police and														
33-1012	Detectives First-Line Supervisors/Managers of Fire Fighting	120	120	10	0	0	10	45,418	12.42	25,840	32.25	67,072	61,419	Work Exp. in a related occ.	
33-1021	and Prevention Workers	120	130	10	0	0	10	50,785	16.01	33,291	34.15	71,042	50,559	Work Exp. in a related occ.	
	Fire Fighters	420			0		20		7.75		16.26	33,814	31,672	Long-term Tng. & Exp.	
	Correctional Officers and Jailers	1,020			20		40	30,285	7.91		22.76	47,351	35,604	Modterm Tng. & Exp.	
	Detectives and Criminal Investigators	130			0		10	34,323	10.60		19.89	41,363	51,834	Work Exp. in a related occ.	
	Police and Sheriff's Patrol Officers	820 580			0	20 10	30 10		8.47		19.08	39,683	37,721	Long-term Tng. & Exp.	r: n.
	Security Guards Crossing Guards	20	20		0	0	10	21,946 17,640	7.05 6.92		15.86 10.41	32,997 21,649	23,449 20,753	Short-term Tng. & Exp. Short-term Tng. & Exp.	Lic. Req.
	Protective Service Workers, All Other	50			0	0	0	26,281	7.37		21.57	44,875	34,858	Short-term Tng. & Exp.	
	First-Line Supervisors/Managers of Food											, , , , , , , , , , , , , , , , , , , ,	,,,,,	3 . 1	
	Preparation and Serving Workers	820			10	10	20	25,928	8.27		17.68	36,780	28,307	Work Exp. in a related occ.	
	Cooks, Fast Food	560	650		10		20	15,937	6.81		9.01	18,750	16,156	Short-term Tng. & Exp.	
	Cooks, Institution and Cafeteria Cooks, Restaurant	900 510			0 10		30 20		6.82 7.30		9.53 12.60	19,829 26,218	18,044 21,236	Long-term Tng. & Exp. Long-term Tng. & Exp.	
	Food Preparation Workers	1,500			30		80		6.81		9.14	19,002	16,937	Short-term Tng. & Exp.	
	Bartenders	330			10	10	20		6.78		9.27	19,280	17,069	Short-term Tng. & Exp.	
	Combined Food Preparation and Serving														
35-3021	Workers, Including Fast Food	1,280	1,600	320	30	20	60	15,408	6.74	14,028	7.94	16,511	16,638	Short-term Tng. & Exp.	
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	130	150	20	0	10	10	15.831	6.78	14,101	8.99	18,690	17.195	Short-term Tng. & Exp.	
	Waiters and Waitresses	1,750			30		120		6.77		8.86	18,435	17,847	Short-term Tng. & Exp.	
	Food Servers, Nonrestaurant	150			0		0	18,413	6.93		12.36	25,702		Short-term Tng. & Exp.	
	Dining Room and Cafeteria Attendants and							1							
	Bartender Helpers	130			0	10	10	16,943	6.84		9.97	20,742	16,927	Short-term Tng. & Exp.	
35-9021	Dishwashers Hosts and Hostesses, Restaurant, Lounge, and	300	340	40	0	10	20	15,821	6.79	14,116	8.98	18,679	16,289	Short-term Tng. & Exp.	
35-9031	Coffee Shop	250	290	40	0	20	20	16,368	6.80	14,135	9.42	19,597	17,131	Short-term Tng. & Exp.	
	First-Line Supervisors/Managers of							.,		,		. ,	.,	g	
37-1011	Housekeeping and Janitorial Workers	130	130	0	0	0	C	28,555	8.62	17,928	19.09	39,699	30,005	Work Exp. in a related occ.	Cert. Avail.
	First Lina Supervisors/Managars of Landonnia							I							
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	70	80	0	0	0	C	39,923	12.24	25,469	28.30	58,870	34,298	Work Exp. in a related occ.	
37 1012		70	00	· ·	Ü	U		1 27,723	12.27	25,107	20.50	20,070	5.,270	Lap. III a related occ.	

Persiste Final Persister Sequences, and Appelences, 57-500. Viguritation Sequences of Process of Sequences of Sequences of Sequences of Process of Process of Sequences of Process of Sequences of Process of Pr	Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest 10% 12	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
19-2012 Markin and Hamedeequene (Camers 1,200	37-2011		1 910	2 000	90	10	40	50	18 156	6.90	14 351	11 43	23.765	19 599	Short-term Tng & Exp	
19-201 Lanct Service Workers 10 10 0 0 0 0 22,507 10 10 10 10 10 10 10											14,152					
1.00 1.00			110	110	0	0	0	0	28,619	8.04	16,721	19.20	39,945			
17-101 1	37-3011	Landscaping and Groundskeeping Workers	600	620	10	0	10	10	22,737	7.06	14,688	18.15	37,762	22,139		Cert. Avail.
First Line Supervisor Managers of Noveal 1909 200 30 30 30 30 30 30 3																
2002 Secriment Minimum Circuminers and Reconstant Annual Reconstant Ann			30	30	0	0	0	0	42,185	15.95	33,173	24.75	51,482	29,500	Modterm Tng. & Exp.	
			200	200	20		10	10	20.425	0.07	10.640	10.00	41.502	24.052	W. J. F	
								10								
September Sept								10								
19-10 1							-		,		,			,		
39-901 Child Care Workers 1.20			110	130	30	0	10	10	21,464	7.34	15,263	13.51	28,104	20,812	Modterm Tng. & Exp.	
1990 1990	39-4021	Funeral Attendants	20	20	0			0	16,485	6.80	14,149	9.19	19,115	22,867	Short-term Tng. & Exp.	
39-9032 Recreasion Workers 150 100																Cert. Avail.
First-Line Supervisor-Managers of Realis Supervisor-Managers of New Retal 1-101 Workers 1-101 Workers 1-101 Workers 1-102 Particles 1-103 Work Exp. in a related occ. 1-103 Work Exp. in a related occ. 1-104 Work Exp. in a related occ. 1-105 Work Exp. in								110								Cert. Avail.
Health Workers 1,00 2,050 1,00 1			150	160	10	0	0	0	22,482	6.97	14,490	17.41	36,219	22,897	Short-term Tng. & Exp.	
First-Line Supervisor/Managers of Non-Retail 1-10 22 Sales Werkers 4.90 4.560 20 0 0 0 0 0 0 0 0			1.020	2.050	120	10	40	50	25.454	11.17	22.224	22.47	40.026	24.002	West Fee in a state to a	
41-1012 Sales Werkers			1,920	2,050	130	10	40	50	35,454	11.17	25,234	25.47	48,820	34,002	work Exp. in a related occ.	
4-10-11 Cashiers 4-590 4-560 7-70 10 220 220 12,58 6-73 14,005 9-24 14,002 20,105 20,702 20,105 20,702 20,105			250	260	20	0	0	10	52,265	16.09	33,462	38.36	79.785	56.264	Work Exp. in a related occ.	
1-1020 Parts Salespersons 3,30 3,00 0 0 0 0 28,341 7,86 16,348 20,77 43,201 20,409 Modtem Tag. & Exp.						10		230								
4-1301 Adventing Sales Agents 1,0	41-2021	Counter and Rental Clerks	340	440	100	10	10	20	18,583			13.16	27,378	22,702		
4-1301 Adverting Sales Agents 110 120 10 10 10 10 10	41-2022	Parts Salespersons	330	320	0	0	0	0	28,341	7.86	16,348	20.77	43,201	26,499	Modterm Tng. & Exp.	
1-130 Insurance Sales Agents Security Commodities and Financial Services 1-130 Sales Agents Security Commodities and Financial Services 1-130 Sales Agents	41-2031	Retail Salespersons	3,940		370		120	160	22,387	6.92	14,389	16.95	35,252			
Securities, Commodities, and Financial Services 41-3031 Sales, Agents 41-3031 Sales, Agents 41-3031 Sales, Agents 41-3051 Sales, Agents 41-3051 Sales, Representatives, Wholesale and 41-4011 Manufacturing, Technical and Scientific Products 32-8 Representatives, Wholesale and 41-4012 Manufacturing, Except Technical and Scientific Products 32-8 Representatives, Wholesale and 41-4012 Products 41-4013 Manufacturing, Except Technical and Scientific Products 32-8 Representatives, Wholesale and 41-4012 Products 41-4012							-	0								
4-13-039 Sales Agemts 4-14-04 1-15 200 60 10 72.071 17.27 35.920 65.35 35.918 45.050 Mod-term Ting, & Exp.	41-3021		570	650	90	10	10	20	32,398	6.90	14,344	24.15	50,235	44,901	Bachelor's degree	
Sales Representatives, Exrices, All Other 140 200 60 10 0 10 72,071 17.27 35,920 65.35 135,918 45,050 Mod-term Ting, & Exp.	41 2021		140	150	20	0	0	10	64 671	10.05	22 794	59 97	122 457	72.064	Bachalor's dagrae	
Sales Representatives, Wholesale and 41-4011 Manufacturing, Technical and Scientific Products 80 100 20 0 0 0 50,503 14,27 29,689 37,30 77,589 65,875 Mod-term Tng. & Exp.																
First-Line Supervisors/Managers of Office and 43-1011 Administrative Support Workers Switchboard Operators, Including Answering First-Line Supervisors/Managers of Office and 43-2011 Service Switchboard Operators, Including Answering First-Line Supervisors/Managers of Office and 43-201 Service Switchboard Operators, Including Answering First-Line Supervisors/Managers of Office and 43-201 Service Switchboard Operators, Including Answering First-Line Supervisors/Managers of Office and 43-201 Service Switchboard Operators, Including Answering First-Line Supervisors/Managers of Office and 43-201 Service Switchboard Operators, Including Answering First-Line Supervisors/Managers of Office and 43-201 Service Switchboard Operators, Including Answering First-Line Supervisors/Managers of Switchboard Operators First-Line Supervisors/Managers of Switchboard Operators, Including Answering First-Line Switchboard Operators, Including Answering File Switch Answering File Switchboard Operators, Including Answering File	41-4011	Manufacturing, Technical and Scientific Products Sales Representatives, Wholesale and	80	100	20	0	0	0	50,503	14.27	29,689	37.30	77,589	65,875	Modterm Tng. & Exp.	
Switchboard Operators, Including Answering 43-201 Is Service 43-201 Is Service 43-201 Is Service 43-301 Is Bill and Account Collectrs and Machine 43-302 Operators 460 480 20 0 10 10 26,354 8.41 17,502 18,47 38,418 29,690 Short-term Tng. & Exp. 43-303 Operators 460 480 20 0 10 10 10 26,355 9.13 18,982 17,64 36,690 28,147 Short-term Tng. & Exp. 43-304 Bookkeeping, Accounting, and Auditing Clerks 43-305 Pyroll and Timekeeping Clerks 43-306 Procurement Clerks 43-307 Tellers 43-308 Procurement Clerks 43-308 Procurement Clerks 43-309 Proc			1,180	1,250	70	10	30	30	51,981	13.59	28,259	37.75	78,514	52,664	Modterm Tng. & Exp.	
33-301 Bill and Account Collectors 180 200 30 0 0 10 26,355 8.41 17,502 18.47 38,418 29,690 Short-term Tng. & Exp.		Switchboard Operators, Including Answering			50			40							-	
Billing and Posting Clerks and Machine 43-3021 Operators					0											
43-3031 Brokkeeping, Accounting, and Auditing Clerks 2,010 2,210 200 20 30 50 28,149 8,76 18,224 18,89 30,284 31,615 Mod-term Tng, & Exp. 43-3051 Payroll and Timekeeping Clerks 130 130 0 0 0 0 0 31,754 9,52 19,801 23,12 48,094 31,966 Short-term Tng, & Exp. 43-3051 Procurement Clerks 40 40 0 0 0 0 23,941 7,44 15,485 16,17 33,626 34,954 Short-term Tng, & Exp. 43-3051 Procurement Clerks 40 40 0 0 0 0 0 23,941 7,44 15,485 16,17 33,626 34,954 Short-term Tng, & Exp. 43-3051 Procurement Clerks 130 120 0 0 0 0 0 25,941 8,70 16,028 13,75 28,591 21,791 Short-term Tng, & Exp. 43-4041 Credit Authorizers, Checkers, and Clerks 130 120 0 0 0 0 0 25,047 8,10 16,853 21,19 44,073 24,247 Short-term Tng, & Exp. 43-4051 Clustomer Service Representatives 1,300 1,700 390 40 40 40 80 25,455 7,29 15,160 18,08 37,608 27,131 Modterm Tng, & Exp. 43-4051 Pic Clerks 210 240 30 0 10 10 21,190 7,38 15,351 14,07 29,258 29,956 Short-term Tng, & Exp. 43-4181 Interviewers, Except Eligibility and Loan 130 140 10 0 0 10 24,685 8,17 16,985 15,88 13,023 25,460 Short-term Tng, & Exp. 43-4141 New Accounts Clerks 130 110 0 0 0 0 0 23,185 7,46 15,524 14,59 30,349 26,500 Work Exp. in a related occ. 43-4151 Order Clerks 150 150 110 0 0 0 0 0 23,185 7,46 15,524 14,59 30,349 26,500 Work Exp. in a related occ. 43-4151 Interviewers and Information Clerks 1,080 1,220 140 10 30 40 19,192 6,96 14,479 12,47 25,943 21,511 Short-term Tng, & Exp. 43-4019 Information Clerks 1,080 1,220 140 10 30 40 19,192 6,96 14,479 12,47 25,943 21,511 Short-term Tng, & Exp. 43-5014 Discrepting All 140 140 0 0 0 0 0 10 10 10,102 1,003 10,102 12,003 10,102	43-3011		180	200	30	0	0	10	26,354	8.41	17,502	18.47	38,418	29,690	Short-term Tng. & Exp.	
43-305 Payroll and Timekeeping Clerks	43-3021	Operators	460	480	20	0	10	10	26,395	9.13	18,982	17.64	36,690	28,147	Short-term Tng. & Exp.	
43-3061 Procurement Clerks					200			50								
43-3071 Tellers					0			0								
43-404 Credit Authorizers, Checkers, and Clerks 130 120 0 0 0 0 25,047 8,10 16,853 21.19 44,073 24,237 Short-term Tng. & Exp.					120			0								
43-405 Customer Service Representatives 1,300 1,700 390 40 40 80 25,455 7.29 15,160 18.08 37,608 27,131 Mod-term Tng. & Exp.					120			40								
43-4071 File Clerks 160 100 0 0 0 0 0 20,827 7.12 14,805 15.02 31,232 20,949 Short-term Tng. & Exp.					300			60								
43-481 Hotel, Motel, and Resort Desk Clerks 210 240 30 0 10 10 21,190 7.38 15,351 14,07 29,258 20,956 Short-term Tng. & Exp. 43-411 Interviewers, Except Eligibility and Loan 130 140 10 0 0 110 24,685 8.17 16,985 15.88 33,023 25,460 Short-term Tng. & Exp. 43-413 Loan Interviewers and Clerks 400 400 0 0 10 10 30,560 10.37 22,325 19,42 40,398 23,51 Short-term Tng. & Exp. 43-413 New Accounts Clerks 130 110 0 0 0 0 23,185 7.46 15,524 14.59 30,349 26,500 Work Exp. 150 110 0 0 0 0 23,185 7.46 15,524 14.59 30,349 26,500 Work Exp. Human Resources Assistants, Except Payroll and 43-4161 Timekeeping 60 70 0 0 0 32,826 9.87 20,535 24.49 50,940 33,521 Short-term Tng. & Exp. 43-4171 Receptionists and Information Clerks 1,080 1,220 140 10 30 40 19,192 6.96 144,79 12.47 25,940 33,521 Short-term Tng. & Exp. 43-501 Couriers and Messengers 140 140 0 0 0 0 10 22,197 7.83 16,292 15,22 31,657 Short-term Tng. & Exp. 43-5031 Dispatchers, Except Police, Fire, and Ambulance Dispatchers 130 150 20 0 0 10 22,197 7.83 16,292 15,22 31,657 Short-term Tng. & Exp. 43-5041 Meter Readers, Utilities 90 80 0 0 0 0 24,913 8.46 17,606 16,16 33,618 29,405 Short-term Tng. & Exp. 43-501 Production, Planning, and Expediting Clerks 150 30 10 0 10 10 10 10 10 10 10 10 10 10 10								00								
43-4111 Interviewers, Except Eligibility and Loan 130 140 10 0 0 10 24,685 8,17 16,985 15,88 33,023 25,460 Short-term Tng. & Exp.					30			10								
43-4131 Loan Interviewers and Clerks 400 400 0 0 10 10 10 30,560 10,73 22,322 19.42 40,308 28.351 Short-term Tng. & Exp. 43-4141 New Accounts Clerks 150 110 0 0 0 0 23,185 7.46 15,524 14.59 30,349 26,500 Work Exp. in a related occ. 43-4151 Order Clerks Human Resources Assistants, Except Payroll and 43-4161 Timekeeping 60 70 0 0 0 32,826 9.87 20,535 24.49 50,940 33,521 Short-term Tng. & Exp. 43-4161 Timekeeping and Information Clerks 1,080 1,220 140 10 30 40 19,192 6.96 14.479 12.47 25,943 21,571 Short-term Tng. & Exp. 43-4171 Receptionists and Information and Record Clerks, All Other 130 110 0 0 0 0 26,863 7.42 15,425 19,13 39,789 30,762 Short-term Tng. & Exp. 43-5031 Police, Fire, and Ambulance Dispatchers 130 150 20 0 0 10 22,197 7.83 16,292 15,22 31,657 26,752 Mod-term Tng. & Exp. 43-5032 Dispatchers, Except Police, Fire, and Ambulance 140 140 0 0 0 0 24,913 8.46 17,606 1616 33,618 29,405 Short-term Tng. & Exp. 43-5016 Production, Planning, and Expediting Clerks 110 100 0 0 0 35,395 9,53 19,832 27.11 56,394 42,143 Short-term Tng. & Exp. 43-5071 Short-term Tng. & Exp																
43-4141 New Accounts Clerks 130 110 0 0 0 0 23,185 7.46 15,524 14.59 30,349 26,500 Work Exp. in a related occ.					0		10	10							Short-term Tng. & Exp.	
43-4151 Order Clerks Human Resources Assistants, Except Payroll and 43-4161 Timekeeping 60 70 0 0 0 0 32,826 9.87 20,535 24.49 50,940 33,521 Short-term Tng. & Exp. 43-4161 Timekeeping 60 70 0 0 0 32,826 9.87 20,535 24.49 50,940 33,521 Short-term Tng. & Exp. 43-419 Information and Record Clerks, All Other 130 110 0 0 0 0 10,112 6.83 14,200 10,92 22,705 Short-term Tng. & Exp. 43-5031 Police, Fire, and Ambulance Dispatchers 130 150 20 0 0 10 22,197 7.83 16,292 15.22 31,657 26,752 Mod-term Tng. & Exp. 43-5041 Meter Readers, Utilities 90 80 0 0 0 0 30,808 9.10 18,919 21.95 45,663 33,250 Mod-term Tng. & Exp. 43-501 Production, Planning, and Expediting Clerks 110 100 0 0 0 35,395 9.53 19,832 27.11 56,363 42,143 Short-term Tng. & Exp. 43-501 Production, Planning, and Expediting Clerks 110 100 0 0 10 26,780 8.50 17,670 18,37 38,213 28,574 Short-term Tng. & Exp. 42-40 10,92 10,92 10,93					0			0							Work Exp. in a related occ.	
43-4161 Timekeeping 60 70 0 0 0 0 32,826 9,87 20,535 24.49 50,940 33,521 Short-term Tng. & Exp.	43-4151		150	110	0	0	0	0	29,137	7.31	15,212	20.38	42,387	27,387	Short-term Tng. & Exp.	
43-4171 Receptionists and Information Clerks	43-4161		60	70	0	0	0	0	32,826	9.87	20,535	24.49	50,940	33,521	Short-term Tng. & Exp.	
43-5021 Couriers and Messengers 140 140 0 0 0 0 17,112 6.83 14,200 10.92 22,705 21,938 Short-term Tng. & Exp. 43-5031 Police, Fire, and Ambulance Dispatchers 130 150 20 0 0 10 22,197 7.83 16,292 15.22 31,657 26,752 Mod-term Tng. & Exp. 43-5032 Dispatchers, Except Police, Fire, and Ambulance 140 140 0 0 0 0 30,080 9.10 18,919 21.95 45,663 33,250 Mod-term Tng. & Exp. 43-5041 Meter Readers, Utilities 90 80 0 0 0 0 24,913 8.46 17,606 16.16 33,618 29,405 Short-term Tng. & Exp. 43-5061 Production, Planning, and Expediting Clerks 110 100 0 0 0 35,395 9.53 19,832 27.11 56,394 42,143 Short-term Tng. & Exp. 43-5071 Shipping, Receiving, and Traffic Clerks 350 360 10 0 10 10 26,780 8.50 17,670 18.37 38,213 28,574 Short-term Tng. & Exp.					140			40								Cert. Avail.
43-5031 Police, Fire, and Ambulance Dispatchers 130 150 20 0 0 10 22,197 7.83 16,292 15.22 31,657 26,752 Mod-term Tng. & Exp. 43-5032 Dispatchers, Except Police, Fire, and Ambulance 140 140 0 0 0 0 30,080 9.10 18,919 21.95 45,663 33,250 Mod-term Tng. & Exp. 43-5041 Meter Readers, Utilities 90 80 0 0 0 0 24,913 8,46 17,606 16.16 33,618 29,405 Short-term Tng. & Exp. 43-5071 Production, Planning, and Expediting Clerks 110 100 0 0 35,395 9.53 19,832 27,11 56,394 42,143 Short-term Tng. & Exp. 43-5071 Shipping, Receiving, and Traffic Clerks 350 360 10 0 10 10 26,780 8.50 17,670 18,37 38,213 28,574 Short-term Tng. & Exp.					0			0								
43-5032 Dispatchers, Except Police, Fire, and Ambulance 140 140 0 0 0 0 30,080 9.10 18,919 21.95 45,663 33,250 Modterm Tng. & Exp. 43-5041 Meter Readers, Utilities 90 80 0 0 0 24,913 8.46 17,606 16.16 33,618 29,405 Short-term Tng. & Exp. 43-5061 Production, Planning, and Expediting Clerks 110 100 0 0 0 35,395 9.53 19,832 27.11 56,394 42,143 Short-term Tng. & Exp. 43-5071 Shipping, Receiving, and Traffic Clerks 350 360 10 0 10 10 26,780 8.50 17,670 18.37 38,213 28,574 Short-term Tng. & Exp.					0			0								
43-5041 Meter Readers, Utilities 90 80 0 0 0 0 24,913 8,46 17,606 16.16 33,618 29,405 Short-term Tng, & Exp. 43-5061 Production, Planning, and Expediting Clerks 110 100 0 0 0 35,395 9,53 19,832 27,11 56,394 42,143 Short-term Tng, & Exp. 43-5071 Shipping, Receiving, and Traffic Clerks 350 360 10 0 10 10 26,780 8,50 17,670 18,37 38,213 28,574 Short-term Tng, & Exp.					20			10								
43-5061 Production, Planning, and Expediting Clerks 110 100 0 0 0 0 35,395 9.53 19,832 27.11 56,394 42,143 Short-term Tng. & Exp. 43-5071 Shipping, Receiving, and Traffic Clerks 350 360 10 0 10 10 26,780 8.50 17,670 18.37 38,213 28,574 Short-term Tng. & Exp.					0			0								
43-5071 Shipping, Receiving, and Traffic Clerks 350 360 10 0 10 10 26,780 8.50 17,670 18.37 38,213 28,574 Short-term Tng. & Exp.					0		-	0								
					10			10								
75-5001 51000 CICINS BIRG OFFICE TIMES 1,050 700 UT U 20 201 19,932 7.00 14,062 15.00 26,712 21,474 5HOFF-IERT THE & EXD.		Stock Clerks and Order Fillers	1,030		0	0	20	20		7.06		13.80	28,712		Short-term Tng. & Exp.	

Occupa- tional Code ¹	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest	2010 RLMA 1 Annual Avg. Wage - Lowest 10% ¹¹	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% ¹³	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
									10% 10	10 /6	10% 12				
40.5111	Weighers, Measurers, Checkers, and Samplers,		40					20.512	7.00	15.242	10.10	40.522	20.126	GI T. 0.F.	*· n
43-5111	Recordkeeping	50	40	0	0	0	(30,612	7.33	15,243	19.48	40,522	29,126	Short-term Tng. & Exp.	Lic. Req.
42 6011	Executive Secretaries and Administrative Assistants	700	790	80	10	10	20	33,018	11.77	24,484	21.51	44,735	35,801	Mad tome Tan & For	Cert. Avail.
	Legal Secretaries	270	290	20	0	0	10	30,024			20.79	43,243	35,429	Modterm Tng. & Exp. Postsecondary voc.	Cert. Avaii.
	Medical Secretaries	110		30	0	0					17.87	37,176	25,548	Postsecondary voc.	
15 0015	Secretaries, Except Legal, Medical, and	110	130	50		0		27,201	10.13	21,000	17.07	57,170	23,510	1 ostoccondan y voc.	
43-6014	Executive	2,900	2,810	0	0	50	50	23,753	7.84	16,299	15.75	32,768	26,634	Modterm Tng. & Exp.	Cert. Avail.
43-9011	Computer Operators	50	40	0	0	0	(36,600	13.23	27,516	23.42	48,705	35,471	Modterm Tng. & Exp.	
	Data Entry Keyers	260		0	0	10		24,545			19.62	40,812	25,400	Modterm Tng. & Exp.	
43-9061	Office Clerks, General	2,510	2,630	120	10	50	60	19,776	6.96	14,483	13.05	27,142	21,555	Short-term Tng. & Exp.	
	Office and Administrative Support Workers, All														
43-9199	Other	100	90	0	0	0	(31,760	10.07	20,940	22.01	45,791	31,927	Short-term Tng. & Exp.	
	First-Line Supervisors/Managers of Farming,				_	_									
45-1011	Fishing, and Forestry Workers	120	110	0	0	0	(42,975	10.58	22,014	32.81	68,240	44,440	Modterm Tng. & Exp.	
45 2002	Farmworkers and Laborers, Crop, Nursery, and	900	740	0	0	20	20	17,378	6.73	13,998	11.51	23,935	19,307	I	
	Greenhouse	280		0	0						20.83	43,334	30,898	Long-term Tng. & Exp.	
43-4022	Logging Equipment Operators First-Line Supervisors/Managers of Construction	200	210	U	U	10	10	32,368	10.11	21,023	20.63	45,554	30,696	Modterm Tng. & Exp.	
47-1011	Trades and Extraction Workers	450	470	20	0	10	10	54,316	14.64	30,460	43.04	89,522	56,840	Work Exp. in a related occ.	
	Brickmasons and Blockmasons	160		20	0	0	10				25.53	53,097	41,697	Long-term Tng. & Exp.	Cert. Avail.
	Carpenters	870		180	20	10					20.46	42,560	37,217	Long-term Tng. & Exp.	Cert. Avail.
	Cement Masons and Concrete Finishers	90		10	0			27,814			17.31	36,004	35,457	Long-term Tng. & Exp.	
	Construction Laborers	590		20	0						14.68	30,541	26,445	Modterm Tng. & Exp.	Cert. Avail.
	Operating Engineers and Other Construction														
47-2073	Equipment Operators	400	400	10	0	10	10	45,209	10.77	22,405	34.85	72,488	37,325	Modterm Tng. & Exp.	Cert. Avail.
47-2111	Electricians	650	630	0	0	20	20	40,954	12.80	26,622	27.64	57,493	43,538	Long-term Tng. & Exp.	Lic. Req.
	Painters, Construction and Maintenance	330		30	0	10					18.74	38,977	32,941	Modterm Tng. & Exp.	Cert. Avail.
	Plumbers, Pipefitters, and Steamfitters	340		20	0						30.25	62,921	43,985	Long-term Tng. & Exp.	Lic. Req.
	Sheet Metal Workers	140		30	0	0	10				19.06	39,643	35,518	Modterm Tng. & Exp.	Cert. Avail.
47-2221	Structural Iron and Steel Workers	90	100	0	0	0	(31,013	10.72	22,290	19.04	39,611	38,140	Long-term Tng. & Exp.	
47.2011	HelpersBrickmasons, Blockmasons,	80	90	10	0	0	(19,592	7.15	14 001	13.92	20.057	26.204	Cl	
	Stonemasons, and Tile and Marble Setters	140		10	0	0	10				12.43	28,957 25,853	26,304	Short-term Tng. & Exp.	
	HelpersCarpenters	140		30 0	0	10		17,577			14.83	30,844	23,989 25,933	Short-term Tng. & Exp.	
	Helpers, Construction Trades, All Other	50		0	0	0		21,848			14.06	29,249	26,183	Short-term Tng. & Exp. Short-term Tng. & Exp.	
	Construction and Building Inspectors	80		20	0	0		48.060			30.81	64,088	50,772	Work Exp. in a related occ.	Lic. Req.
	Highway Maintenance Workers	180		10	0	0		29,777			22.89	47,619	29,810	Modterm Tng. & Exp.	Lic. Req.
17 1051	First-Line Supervisors/Managers of Mechanics,	100	1,0					2,,,,,	7.,,,	10,000	22.07	17,017	25,010	mon term riig. ee Exp.	
49-1011	Installers, and Repairers	500	530	20	0	10	10	44,570	12.26	25,500	31.29	65,074	55,592	Work Exp. in a related occ.	
	Computer, Automated Teller, and Office Machine													1	
49-2011	Repairers	120	120	0	0	0	(35,082	12.49	25,983	25.68	53,413	27,070	Postsecondary voc.	
	Electric Motor, Power Tool, and Related														
49-2092	Repairers	30	40	0	0	0	(25,764	7.59	15,789	18.51	38,504	34,536	Postsecondary voc.	
	Electrical and Electronics Repairers, Commercial														
49-2094	and Industrial Equipment	50	60	10	0	0	(35,619	11.26	23,424	24.17	50,274	55,943	Postsecondary voc.	
	Electrical and Electronics Repairers, Powerhouse,														
	Substation, and Relay	30		0	0	0	(51,091			35.08	72,960	58,963	Postsecondary voc.	
	Automotive Body and Related Repairers	140		10	0	0	(34,579	12.62		21.87	45,492		Long-term Tng. & Exp.	Cert. Avail.
49-3022	Automotive Glass Installers and Repairers	50	50	0	0	0	(29,535	7.30	15,182	28.59	59,471	28,445	Long-term Tng. & Exp.	
49-3023	Automotive Service Technicians and Mechanics	580	630	50	10	10	20	29,522	7.54	15,690	23.00	47,840	32,658	Postsecondary voc.	Cert. Avail.
47-3023	Bus and Truck Mechanics and Diesel Engine	500	050	50	10	10	20	27,322	7.54	13,070	25.00	47,040	32,030	rostsecondary voc.	Cert. Avail.
49-3031	Specialists	190	200	20	0	0	10	34,983	11.69	24,308	22.39	46,575	39,406	Postsecondary voc.	Cert. Avail.
	Mobile Heavy Equipment Mechanics, Except							,		,		,	,		
49-3042		120	110	0	0	0	(47,817	13.00	27,047	36.28	75,468	41,208	Postsecondary voc.	
	Tire Repairers and Changers	90		10	0	0	(22,246			15.61	32,476		Short-term Tng. & Exp.	
	Heating, Air Conditioning, and Refrigeration														
	Mechanics and Installers	210		10	0	0					22.91	47,647	38,086	Long-term Tng. & Exp.	Cert. Avail.
	Industrial Machinery Mechanics	370	360	0	0	10					31.38	65,263	45,547	Long-term Tng. & Exp.	Cert. Avail.
49-9042	Maintenance and Repair Workers, General	1,440	1,580	150	20	0	20	28,773	8.47	17,615	20.04	41,684	33,524	Long-term Tng. & Exp.	
	Telecommunications Line Installers and														
49-9052	Repairers	120	160	40	0	0	10	44,972	13.77	28,635	25.92	53,916	38,638	Long-term Tng. & Exp.	
10.005	Coin, Vending, and Amusement Machine			_	_	_						25	25.175		
49-9091	Servicers and Repairers	80	80	0	0	0	(25,094	7.30	15,184	17.05	35,466	27,143	Modterm Tng. & Exp.	
40.0000	HelpersInstallation, Maintenance, and Repair Workers	200	210	10	0	10	10	20,244	6.91	14,380	13.96	29,038	24,091	Short-term Tng. & Exp.	
49-9098	WOLKELS	200	210	10	0	10	10	20,244	0.91	14,380	15.90	29,038	24,091	Short-term ring, & Exp.	

Occupa- tional Code 1	Occupational Title ²	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average	2010 RLMA 1 Hourly Avg. Wage -	2010 RLMA 1 Annual Avg. Wage - Lowest	2010 RLMA 1 Hourly Avg. Wage - Highest	2010 RLMA 1 Annual Avg. Wage - Highest 10% 13	2010 State Annual Average Wage ¹⁴	Most Significant Source of Education or Training ¹⁵	Occupational License Required ¹⁶
								Wage 9	Lowest 10% 10	10% 11	10% 12	10%			
	Installation, Maintenance, and Repair Workers,	ı							10 //		10 //				<u>'</u>
49-9099	All Other	70	60	0	0	0	0	36,252	8.29	17,239	26.96	56,074	36,426	Long-term Tng. & Exp.	
	First-Line Supervisors/Managers of Production				_										
	and Operating Workers	500 460	510 730	20 270	0 30	10 10	10 40	43,975	12.95	26,940	31.10	64,696	57,144 29,346	Work Exp. in a related occ.	
	Team Assemblers Assemblers and Fabricators, All Other	400	40	270	0	0	40	24,176 26,689	7.74 7.39	16,107 15,380	18.37 17.52	38,205 36,435		Modterm Tng. & Exp. Modterm Tng. & Exp.	
51-3011		60	70	10	0	0	0	16,398	6.80	14,147	9.33	19,399	21,767	Long-term Tng. & Exp.	
	Butchers and Meat Cutters	130	130	10	0	0	10		7.78	16,182	16.77	34,874	26,726	Long-term Tng. & Exp.	
	Meat, Poultry, and Fish Cutters and Trimmers	350	450	100	10	10	20	18,756	6.95	14,448	11.28	23,453	18,782	Short-term Tng. & Exp.	
	Cutting, Punching, and Press Machine Setters,														
	Operators, and Tenders, Metal and Plastic	50	50	0	0	0	0	26,679	8.07	16,790	18.98	39,472	32,171	Modterm Tng. & Exp.	
	Machinists	360	310	0	0	10	10	38,361	12.92	26,872	24.30	50,541	40,654	Long-term Tng. & Exp.	
	Welders, Cutters, Solderers, and Brazers	850	920	70	10	20	30	35,797	10.76	22,391	26.20	54,494	40,790	Postsecondary voc.	Cert. Avail.
	Prepress Technicians and Workers	60	50	0	0	0	0	34,021	8.88	18,468	21.66	45,049	30,018	Long-term Tng. & Exp.	
	Printing Machine Operators	220 260	200 260	0 10	0	10 10	10	31,305	9.94	20,675		41,701	28,256	Modterm Tng. & Exp.	
51-0011	Laundry and Dry-Cleaning Workers	200	200	10	0	10	10	17,717	6.88	14,316	11.73	24,409	18,112	Modterm Tng. & Exp.	
51-6021	Pressers, Textile, Garment, and Related Materials Sawing Machine Setters, Operators, and Tenders,	70	50	0	0	0	0	19,384	7.62	15,848	11.63	24,193	19,246	Short-term Tng. & Exp.	
51-7041		170	150	0	0	0	0	28,759	11.21	23,325	15.76	32,777	28,123	Modterm Tng. & Exp.	
51-8021	Stationary Engineers and Boiler Operators Water and Liquid Waste Treatment Plant and	20	20	0	0	0	0	33,536	12.32	25,633	23.25	48,370	42,129	Long-term Tng. & Exp.	
51-8031	System Operators Petroleum Pump System Operators, Refinery	250	270	20	0	0	10	27,779	9.43	19,609	17.57	36,546	29,751	Long-term Tng. & Exp.	Lic. Req.
	Operators, and Gaugers Inspectors, Testers, Sorters, Samplers, and	40	30	0	0	0	0	40,255	8.53	17,740	33.84	70,397	58,912	Long-term Tng. & Exp.	
51-9061	Weighers	390	380	0	0	10	10	37,975	10.66	22,167	25.55	53,149	40,431	Modterm Tng. & Exp.	Lic. Req.
	Jewelers and Precious Stone and Metal Workers Packaging and Filling Machine Operators and	40	50	10	0	0	0	37,246	7.28	15,140		63,434	30,983	Postsecondary voc.	
51-9111		80	80	0	0	0	0	20,666	7.25	15,081	12.35	25,686	27,579	Short-term Tng. & Exp.	
	HelpersProduction Workers	630	640	10	0	20	20	23,820	7.83	16,295	17.38	36,156		Short-term Tng. & Exp.	
51-9199	Production Workers, All Other First-Line Supervisors/Managers of Helpers,	620	560	0	0	10	10	20,586	6.93	14,414	13.96	29,031	31,472	Modterm Tng. & Exp.	
53-1021	Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation and Material-Moving Machine	190	200	0	0	0	0	40,389	11.83	24,601	28.11	58,461	43,835	Work Exp. in a related occ.	
53-1031	and Vehicle Operators Ambulance Drivers and Attendants, Except	180	180	0	0	0	0	50,323	16.16	33,613	32.83	68,294	52,393	Work Exp. in a related occ.	
53-3011	Emergency Medical Technicians	30	40	10	0	0	0	17,735	6.97	14,491	10.28	21,387	23,511	Modterm Tng. & Exp.	
53-3022	Bus Drivers, School	730	740	10	0	10	10	16,083	6.79	14,129	9.13	18,993	18,608	Short-term Tng. & Exp.	
	Driver/Sales Workers	400	360	0	0	10	10	19,922	6.82	14,191	15.45	32,144	28,790	Short-term Tng. & Exp.	
	Truck Drivers, Heavy and Tractor-Trailer	1,490	1,560	70	10	30	30	36,028	10.46	21,755		52,744	35,203	Modterm Tng. & Exp.	Lic. Req.
	Truck Drivers, Light or Delivery Services	1,180	1,240	60	10	20	30	25,121	7.24	15,065	19.86	41,304	28,162	Short-term Tng. & Exp.	
	Taxi Drivers and Chauffeurs	230	220	0	0	0	0	18,248	6.89	14,331	12.00	24,965	22,321	Short-term Tng. & Exp.	Cont. Access
	Crane and Tower Operators	100	110	10	0	0	20	35,493	9.26	19,265	27.02	56,207	44,638	Modterm Tng. & Exp.	Cert. Avail.
	Industrial Truck and Tractor Operators Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material	670 190	620 210	20	0	20 10	20 10	31,264 20,312	9.55 6.97	19,855 14,501	20.16 17.10	41,942 35,570	30,788 20,520	Short-term Tng. & Exp. Short-term Tng. & Exp.	
53-7062	Movers, Hand	3,260	3,090	0	0	100	100	19,987	7.00	14,554	13.48	28,043	22,623	Short-term Tng. & Exp.	
	Machine Feeders and Offbearers	260	200	0	0	10	10	31,180	8.89	18,501	19.37	40,293	26,453	Short-term Tng. & Exp.	
	Packers and Packagers, Hand	360	310	0	0	0	0	18,269	6.81	14,160	12.63	26,277	21,823	Short-term Tng. & Exp.	
53-7081	Refuse and Recyclable Material Collectors	130	120	0	0	0	0	19,321	6.95	14,464	12.01	24,987	24,623	Short-term Tng. & Exp.	

RLMA 8: Caldwell, E Carroll, Franklin, Jackson, Madison, Morehouse, Ouachita, Richland, Tensas, Union, W Carroll

Occupa- tional Code 1	Occupational Title 2	2008 Estimate ³	2018 Projected ⁴	10 Year Growth ⁵	Annual New Growth ⁶	Annual Replace- ment ⁷	Annual Total Openings ⁸	2010 RLMA 1 Annual Average Wage ⁹	2010 RLMA 1 Hourly Avg. Wage - Lowest 10% 10
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¹Unique code assigned to each occupation describing knowledge, skills and abilities necessary to perform a variety of activities and tasks. http://online.onetcenter.org/

Long-Term Tng. & Exp. = Long-Term training and experience (more than 12 months of on-the-job training)

Mod.-term Tng. & Exp. = Moderate-term training and experience (1 to 12 months of combined on-the-job experience and informal training)

Short-term Tng. & Exp. = Short-term training and experience (up to 1 month of on-the-job experience)

http://www.laworks.net/Downloads/LMI/licensingguide.pdf

NA - Wages from the 2010 Occupational Wage Survey were not available because of confidentiality, or only annual wages are available for most of the education related occupations.

² Title of the occupation.

³ 2008 Average employment from employer payroll files, with estimates for self-employed and unpaid family workers.

⁴ 2018 Projected employment estimate of total number of jobs anticipated in 2018.

⁵ Projected 10 year growth or decline in an occupation.

⁶ Number of projected new jobs for the occupation.

⁷ Number of job needed to fill those workers retiring or leaving an occupation

⁸ Annual job openings as a function of replacement demand (retirements + turnover) + new growth.

 $^{^9}$ 2010 Annual average wage for all workers in this occupation

Average hourly wage for lowest 10 percent of workers in this occupation.

¹¹ Average annual wage for lowest 10 percent of workers in this occupation.

¹² Average hourly wage for highest 10 percent of workers in this occupation.

Annual average wage of highest 10 percent of workers in this occupation.

¹⁴ Statewide annual average wage of workers in this occupation.

Most Significant Source of Education- Researched and designated by the Bureau of Labor Statistics (BLS).

¹⁶ Louisiana Licensing Guide reference describing those occupations regulated by state boards, commissions or agencies.